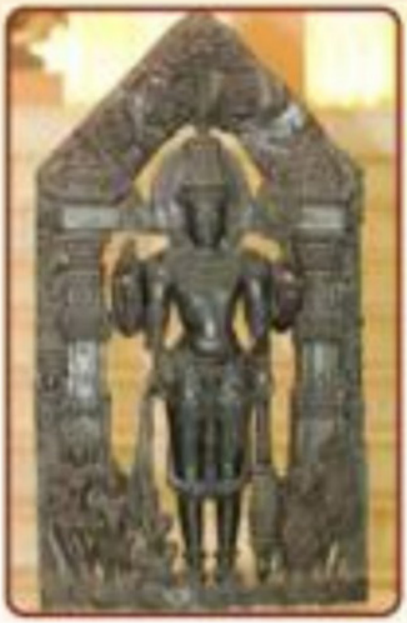


GOA STATE MUSEUM

(GOVT. OF GOA)

Application For Financial Assistance Under Museum Grant Scheme.

Ministry of Culture

Govt. of India

VER6:20240312

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2. Abstract and Executive Summary

Sr. No	Particulars	Description
01	Project Proposal	Construction of New Building for State Museum of Goa.
02	Project Executor	Directorate of Museums, GSIDC
03	Location	Ella, Old Goa
04	Works Proposed	
a	Basement Floor	Carpenters and Electrical Workshop Conservation, Laboratory Store Library Administration Office Technical Section Workshop Ticket Counter Toilets
b	Ground Floor	Natural HeritageGallery -01 Ancient History /Sculptures Gallery -02 Cultural Anthropology -03 Numismatics Gallery -04 Furniture Gallery -05 Printing Gallery -06 Toilets
c	First Floor Plan	Menezes Braganza Gallery -07 Banerji Art Gallery -08 Christian Art Gallery -09 Goa's Freedom Struggle Gallery -10 Contemporary Art Gallery -11 Toilets
d	Terrace	Seminar Hall Cafeteria Toilet
e	External Additions (Basic facilities Necessary for Operations)	Augmented Toilet facilities Administrative Office Security Changing Room Toilets
05.01	Abstract Civil Work (A)	
I	Earthworks	51,40,463.59
II	Masonry Works	1,26,67,770.43
III	PlainAnd Reinforced Concrete Works	5,69,59,349.88
IV	Doors And Windows	48,39,548.47
V	Steel And Aluminium Works	48,61,465.91

VI	Flooring And Floor Finishes	79,50,945.53
VII	Roofing	23,85,179.62
VIII	Plastering And Finishing Works	21,31,755.92
IX	WaterSupply,Sewerage,Plumbing And Sanitation Works	34,58,289.02
X	Miscellaneous	2,39,892.22
XI	Roadwork	14,39,118.10
XII	Landscaping	22,88,275.38
XIII	Transformer, Generator And UPS,Substation	86,77,696.45
XIV	Earthing	3,95,367.00
XV	Cables, Terminations	15,35,692.02
XVI	Wiring	47,26,958.00
XVII	Lights And Fans	31,72,171.09
XVIII	Panels	10,82,890.20
XIX	Others	23,59,062.05
XX	Lift Works	49,50,750.00
XXI	Fire Fighting Works	31,22,676.56
	Total Estimated Amount	**13,43,85,317.00**
	Add 18% GST	2,41,89,357.06
	Add 3% Contingencies	40,31,559.51
	Add 3.5% Consultancy Fees	47,03,486.10
	Total Cost	**16,73,09,702.00**
05.02	Abstract Curatorial Work (B)	
I	Interior and Furniture Works	2,52,93,185.00
II	DB's and CB's	4,95,535.30

III	Wiring	2,61,800.00
IV	Data / Voice / CCTV	1,75,61,884.00
V	HVAC	11,35,508.00
	Total Estimated Amount	**4,47,47,912.30**
	Add 18% GST	80,54,624.21
	Add 3% Contingencies	13,42,437.37
	Add 3.5% Consultancy Fees	15,66,176.93
	Total Cost	**5,57,11,151.00**
	Total Project Cost(A+B)	**22,30,20,871.00**
05.03	Area Statement	
	Basement Floor Area	Phase (I)– 1281.80 SQM
	Ground Floor Area	Phase (I)– 1322.47 SQM
	First Floor Area	Phase (I)– 956.60SQM
	Terrace Floor Area	Phase (I&II)– 116.84 SQM
06	Phased Execution of Works	Tasks with Estimated Costs
A	Phase I	
	Phase I to include the important essential components of the Museum	The Essential core components include the Galleries, Administrative areas and the Store and workshop for the Essential functioning of the Museum
B	Phase II	
	Phase II to include the important subsidiaryl components of the Museum	The Subsidiary functions include Cafeteria and Seminar Hall

3. Profile Sheet

i.	Name oftheOrganisation	Directorate of Museums,Government of Goa.
ii.	Registered Address	Directorate of Museums,Government of Goa,Old Secretariat, Panaji - Goa
iii.	E-mail ID andTelephoneNumber	museum@goamuseum.gov.in PhoneNo. (0832)2434406/2436006
iv.	YearofEstablishment ofthe Organisation	29thSeptember 1977
v.	Type of Organisation	StateGovernment
vi.	Details ofRegistration	-N.A.-
vii.	PAN Number	-N.A.-
viii.	Service Tax Number	-N.A.-
ix.	Authorized Contact Person & Designation	**Dr.Vasu M. Usapkar** (DirectorofMuseums)
x.	Name of the Museum(if different)	Goa State Museum
xi.	Address/Location ofMuseum	Directorate of Museums,Government of Goa,Old Secretariat, Panaji - Goa
xii.	E-mail ID & TelephoneNumber	museum@goamuseum.gov.in PhoneNo. (0832)2434406/2436006
xiii.	Yearofestablishment ofMuseum	29thSeptember 1977
xiv.	Type of Museum	Multipurpose Museum
xv.	Details of Collection (Number/Types)	Number: Approx.10,000objects Type (i) Inorganic (Stone,Metal, etc) (ii) Organic (wood, paintings, manuscripts,photographs etc)
xvi.	Is Collection/Part of Collection registered	Yes. In the Accession Register.
xvii.	Annual Budget (2023-2024)	Revenue (in lakh): Rs. 452.70 Capital (inlakh): Rs.1000.00 Total (inlakh) :Rs.1452.70
xviii.	Source ofFunding	Government of Goa
xix.	Authorized Contact Person & Designation	**Dr. Vasu M. Usapkar** (DirectorofMuseums) PhoneNo. (0832)2436006 Mobile No.8806574729 Email id:usapkar_vasu@yahoo.com

4. Mandatory Documents

FORM A

FORM FOR APPLYING FOR FINANCIAL ASSISTANCE FOR ESTABLISHMENT AND DEVELOPMENT OF MUSEUMS

DETAILS OF THE PROJECT

Sr.No.	Item	Details
1	Applied for which category i.e. I, II or III.	Category II
2	Number and complete postal address of theMuseum/Institution/Society/Trust along with Telephone Nos. and E-mail of officer in-charge of the project.	Directorate of Museums Government of Goa, Old Secretariat, Panaji – Goa. Ph. No: (0832) 2434406, 2436006 Email: museum@goamuseum.gov.in Officer in charge: Dr. Vasu M. Usapkar (DirectorofMuseums) PhoneNo. (0832)2436006 Mobile No.8806574729 Email id :usapkar_vasu@yahoo.com
3	Number & date of registration in r/o societies/trust.	N.A.
4	Whether grant is required for setting up of a New Museum or for development of an existing Museum.	For construction of new building for State Museum.
5	Details of land owned. Please furnish the following particulars: a) Area b) Geographical location c) Proof of ownership d) Nature of land-whether leasehold or freehold*	a) 9520 sq.m b) Ella, Old Goa c) Land is transferred by AgricultureDepartment to Museum department. *(Please refer Other Annexure consisting of Document 1-A to 1-D ;Pg.No139 to 143)*
6	Details of Artefacts available for the Museum: Please enclose lists giving the following details: a) Number and Details of Artefacts along with Photographs (sculptures, paintings, coins, manuscripts, etc.) b) Sources from where obtained (in each case) c) Accession Register	a) Museum has the collection of around 10,000 objects, which includes sculptures, paintings, coins, manuscripts etc. b) The objects were acquired from StateArchaeology Department on loan basis and by donations. c) Accession registers are maintained. *(Please refer Annexure VI B-Pg.No.136 to137)*
7	Details of Building plans* along with a Detailed Project Report (DPR). If the Museum has an existing building, please give details thereof: -Total built-up area	Existing building: • Total built up area - 1750 sq.mt. • Four Galleries 1)Glimpses of Goan Culture

	-Number of galleries and their names	2) Goan Expression through the Ages 3) Portuguese Phase 4) Goa Freedom Struggle
8	Item-wise details of components for which financial assistance sought. (admissible components as provided in the scheme)	Attached Civil and Curatorial Aspect *(Please refer-Pg.No.66to67)*
9	Total Project Cost	**₹22,30,20,871.00**
10	Details of own funds of the Organization to be used for the project.	20% of the availed grant + Balanced amount.
11	Time period for Project completion	3 years
12	Rates of Admission Fee of the Museum, if any and Visiting Hours. (in case of existing Museum)	Entry is free. Visiting Hours are from 9.30 am to 5.30 p.m.
13	Number of visitors who visited per annum during the last 3 years. (in case of existing Museum)	Year 2020 – 31250 Visitors Year 2021 – 24720 Visitors Year 2022 – 32708 Visitors
14	Details of staff employed. (in case of existing museum)	*(Please refer Pg.No.11)*
15	Item-wise Annual Budget and Expenditure during the last 3 years and Current year:	*Please refer Other Annexure (Document- 3-A,3 -B,3-C;Pg.No.152to 157)*
16	Unique Registration number of the organization on NGO – DARPAN portal of Niti Aayog. (For category III)	N.A.
17	Details of Grants given by the Ministry of Culture on any previous occasion	N.A.
18	List of Documents attached with the proposal.	1. Details of land *(Please refer Other Annexure Document 1-A,1- B,1- C ,1-D; Pg. No139 to 143)* 2. Audited Statement of Accounts from 2014 to2018 *(Please refer Other Annexure Document 2-A; Pg.No.144 to 150)* 3. Annual Report for last 3 years *(Please refer Other AnnexureDocument 2 B; Pg.No.151)* 4. Annual budget for last 3 years (*Please refer Other Annexure Document- 3-A,3 -B,3-C;Pg.No.152to 157)*

Signature of Authorized Signatory with Seal of theOrganization

Date: 12-03-2024

Place: Panaji

i. Copy of Registration
- Not applicable

ii. Memorandum of Association or Trust Deed
- Not applicable

iii. Letter of Support from State Government
- Not applicable

iv. Letter of Recommendation from District Authority
- Not applicable

v. Authorization Certificate
- Not applicable

vi. Bond in prescribed Format (Annexure-II)
- Not applicable

vii. Audited Statement of Accounts for the Last Three Years.
- Audited Statement of Accounts from 2014 to2018

(Please refer Other Annexure Document 2-A; Pg.No.144 to 150)

(The State Museum of Goa being Government institution under Directorate of Museums all the above-mentioned documents are not available with this office, except at Sr. No. iii, vii which is enclosed.)

5. Background Information

a) Re: Organisation

The Goa State Museum is a part of the Directorate of Museums under the Government of Goa.The Museum building at Patto suffered structural damages such as cracks,water leakage;hence it was temporarily shifted to Old Secretariat.The newbuilding needs grant -in-aid in for its construction.

b) Re: Museum

i. History of Museum

In 1894 a committee was established under chairmanship of Justice Antonio Braganza. This Committee started collecting the objects of historical importance

in one of the church at Old Goa. This awareness gave way up to three small museums or galleries in Goa before liberation.

These were the Viceroy's gallery at Adil Shah Palace, gallery at Archbishop's Palace and a gallery at the Institute Vasco-da-Gama. (It was later named as Institute Menezes Braganza after the liberation of Goa in 1961).

Directorate of Museums (Goa State Museum):

The above-mentioned activities during the pre-liberation period created a ground for formation of a committee in 1966. One of the recommendations of the report of the committee was that a museum for the area should be set up by collecting the artifacts and antiquities associated with Goa. On the basis of recommendation, steps were taken and the pursuit was started by Directorate of Archives under which a unit of Archaeology and Museum was set up. In 1973, Archaeology and Museum unit was set up in Goa. Thus, the activity of acquisition of objects took momentum. Consequently, the Goa State Museum of today emerged with the collection of about 10,000 objects. These objects of Goan, Indian and also of foreign origin comprised of sculptures, paintings, coins, furniture, cultural artifacts, anthropological antiquities and other works of art.

The Goa State Museum was set up on 29th September 1977 in St.Inez. Initially, it had a very small collection and few chosen art objects from this accumulation were displayed in a small area. After construction of new building the same was shifted there and a new Museum Complex at Patto was inaugurated by the President of India on 18 June 1996 with a set-up of fourteen galleries viz :

1. Sculpture Gallery
2. Christian Art Gallery
3. Printing History Gallery
4. S.K.Banerjee Art Gallery
5. Religious Gallery
6. Cultural Anthropology
7. Contemporary Art Gallery
8. Numismatics Gallery
9. Goa's Freedom Struggle Gallery

10. Menezes Braganza Gallery
11. Furniture Gallery
12. Natural Heritage of Goa Gallery
13. Environment & Development Gallery
14. Geology Gallery

In 2017, due to the problems related to the building, the museum was shifted to the Old Secretarial building. In 2019, Directorate of Museums was open for public with its 4 galleries. On 12 July 2023, the possession of Old Secretarial building (Adil Shah Palace) was transferred from the Directorate of Art and Culture to the Directorate of Museums.

ii. Aims and objective of Museum.

*To centralize and preserve antiquities, art objects and objects of cultural importance, throwing light on the ancient, historical and cultural traditions of Goa.

*To take steps for proper display and presentation of the objects in the museum for education of the public and for research activities.

*To undertake research on the different objects of the Goan History and Culture.

*To awaken consciousness of the people in the richness and diversity of the Goan history and culture.

*To investigate collect, collate and circulate any knowledge or information on any subjects deemed desirable for the purpose of the society.

*To prepare and show audio-visual representations; and to print, publish and issue journals, books, leaflets reports which may be useful for public and students.

iii. Background of the collection.

Goa State Museum houses a very important and remarkable collection of the objects/art pieces spanning from 4th century to the beginning of 21st century.

History reveals that the Goa was under the rule of important and powerful Hindu Kingdoms of India, and later became part of Adil shah in the year 1489. In

1510, it was subjugated by Portuguese. These political transitions had a considerable impact on art & architecture of Goa.

The Museum possesses, specimen of historic and artistic works representing the various periods of Goan history.

The collection includes:

*Sculpture (stone, metal, ivory)

*Paintings

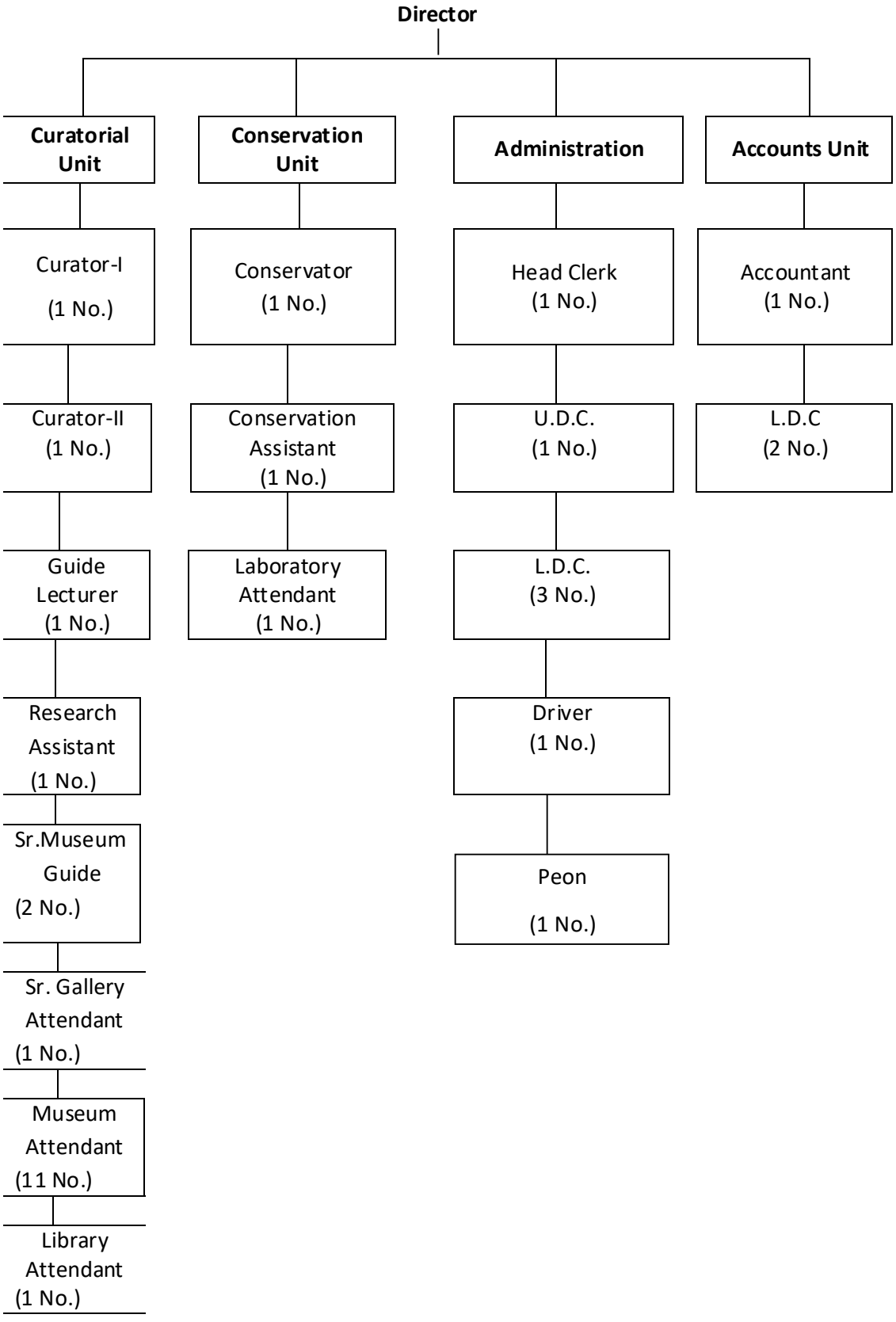
*Silverware

*Furniture

*Coins

*Manuscripts

iv.Organisational Structure and Management of the Museum



v.Financial Resources & Budgets

Funded by State Government and present budget is:

a) Revenue (Plan) – 214.00 Lakh

(Non-Plan) –238.70 Lakh

Total –452.70 Lakh

b) Capital Outlay –1000.00 Lakh

vi.Ancillary Infrastructure Available

*Conservation Laboratory: A small unit headed by Conservator, is functional, where in day-to-day activities related to preservation are carried out.

*Library: A mini library having books related to Art, Archaeology, History and subjects related to Museum.

vii.Other Activities of the Museum besides Display

- Museum Week Celebration

  This is an annual event, which is celebrated in the second week of January. A specific theme is selected and different programmes are organized throughout the week viz, photo-exhibition, lectures by eminent personalities, workshops, seminars, symposium etc. The main attraction of this annual event is the State Level painting competition for the school students, which receives a huge response and appreciation.

- Exhibitions

  Throughout the year, exhibitions on different topics/issues/themes are organized for the public and students. These exhibitions are on display for either a fortnight, a week or a single day. The exhibitions throw a light on important aspects of Goa such as the treasures of Goa (which may include temples, churches, forts, old houses, freedom fighters, eminent personalities in different fields etc.), local festivals (such as Shigmotsav, Makharotsav, Sangod), food specialties used for specific locally celebrated events (such as Dudhafalaar) and many more related to Art & Culture of Goa. The museum receives a good response from the public and students.

- Seminars & Lectures

  As a part of the museum's annual activity plan, a monthly lecture series programme is organized. Under this programme, every month a lecture on a specific topic is arranged for the public and students.

- Competition

  A State level painting competition is organized for the school students every year.

- Workshops

  Workshops are also a part of museum activity plan, which are arrangedfor different age groups viz, clay modelling, Diya making for school students, paper/cloth bag making for all age groups, godhadi workshops, for ladies etc. workshop on conservation in collaboration with RCL, Mysore and that on Iconography in collaboration with Deccan College, Pune are also organized.

  All these workshops receive a very good response from the public and students.

viii.Visitors profile and Visitors comments

"Very well maintained keep up the good job" *By Mr. Sunny V.P ,Panchgani, Maharashtra* *24th November 2020*
"Got a good knowledge" *By Abhijeet Seth,Shimla* *31st November 2020*
"Excellent some surprising pieces of history like Sati Stones". *By David Rajesh, Pune* *4th December2020*
"Very interesting clean" *By Asha Madav,Indira Nagar, Lucknow,U.P* *04th December 2020*
"Very well maintained" *By C. Shrikant,Banglore, Karnataka* *28th December 2020* *"Good place & cleanness, fully sanitized"* *By Lt Col Daisy Augustine, Altinho, Military camp* *20th January 2021*
"Good collection, more artifacts are needed. Amazed to see the lottery machine & the four headed shiva. Never seen before. Thanks. Grateful. Thanks for getting to take photographs" *By Dr. Laxmi P., Thane, Maharashtra* *28th January 2021*
"Excellent" *By Abhay Gupta, Roach Road, U.P Orai* *29th January 2021*
"Very nice for children to learn about history & culture… Thanks." *By Sachin Gangamani,Pune* *29th January 2021*
"Nice place" *By Akash Sen, Police Line Bhopal* *05th February 2021*
"A great place to know Goa beyond what is known for a normal citizen Excellent collection" *By Shankar* *08th February 2021*
"Excellent collection" *By Nitin Kale, Katraz Pune* *08th February 2021*
"Wonderful staff so cooperative, very nice, peaceful place" *By Ishant Malhotra,Delhi* *09th February 2021*
"Very interesting, perfect for history lovers" *By Shashank,Bangalore* *9th March 2021*
"Well preserved artifacts" *By G. Vamshi Krushmex* *01st April 2021*

Excellent place to learn about Goa's Artifacts. *By.Chinmayee&Bharat,Dombivili, Mumbai* *4th October 2021*
Wonderful collection can have some nominal charges for maintenance of the place. *Neeti Dogra* *8th October 2021*
Great to know that Goa Govt. is preserving old artifacts and historical findings. *Srinivas Venugopal,Banglore* *18th October 2021* *Has been found in very vulnerable condition, this may be due to insufficient funds..* *Inder Jeet* *21st October 2021*
Good information learned about Goa. *K. Shaukars* *2nd November2021*
Its very pleasant to see here about old collection, objects are awesome.. *Nisha Nagrani* *7th December2021*
Nice to visit with friends and family to enjoy the old culture of Goa.. *Jeetendra Rajbanshi* *18th January 2022*
You are doing a fantastic job by showing the things to current youth, which is really needed. *Sagar K. Rahane,Kolsewadi Kalyan* *16th February 2022*
It is very inspiration to next generation. *Prashant Satpute* *22nd March 2022*
I am overwhelmed after visiting this museum, Government of Goa is so kind and it is good to see such an old and memorial statues and things. it's a new experience of me to see such an arranged museum. *Vivek K. Range, Maharashtra* *31st March 2022*
Very informative and wonderful historical collection. the freedom struggle of Goa's were truly amazing, wonderful experience. *Vihar R.,Mysore* *27th April 2022*
Govt. should allocate proper funds for its maintenance. *Reshma Menon,Mumbai* *24th May 2022*
Its very good place & learned lots of History about Goa, service is so good. *NishanulHasue,Banglore* *16th June 2022*
It was a nice exposure to learners of our school as they are currently studying about civilization they got to see various ancient sculptures, lifestyle, writing system and Portuguese Government that ruled over Goa. Thank You.

Sunshine World wid, School, Old Goa. *17th June 2022*
Protect the antiquities in glass and provide information in three languages below... *Shivanagouda Patil, Karnataka* *3rd August 2022*
Good sculptures, information to Portuguese coming to India is insightful to kids. *Vinodkrishnakumar* *5th August 2022*
Very good collection, However Adilshahi era items not seen in Adilshahi palace. *Babu Shirole, Banglore* *8th August 2022*
Very good place, we had an idea about ancient Goa, good explanation suggest to show all Antiquities. *RadileshAmben,Kerala* *23rd September 2022*
Very well maintained Good supportive and knowledgeable staff member, keep it going. *Sameer Kapadi, Kerala* *23rd September 2022*
It was a good experience to know about the history of Goa, snadip has explained all the things which are placed over here. *Joseph Anchel,Kerala* *3rd October 2022*
Excellent visit, Guide (Instructor) was really knowledgeable and gave good information. *S.S. Dhempe college,commerce& Economics* *6th October 2022*
Very good collection, it was a great learning experience for the kids. *Geeta Chopra* *25th October 2022*
Enjoyed history of Goa, got to know about Hinduism culture and freedom struggle. *Giridhari K.,Odisha* *16th November 2022*
Very good maintained and well behaved staff, I like it, it is free of cost. Thank You. *Yogesh Kumar, Banglore* *23rd December 2022*
It is very informative place and dedicated to Indian and Goan History, overall nice experience. thanks. *Rahul Vats* *3rd January 2023*
All the students and teachers had a good time. all the staff were cooperative. *St. Francis school,Duler-Mapusa* *3rd February 2023*
Its very good place for knowing the Goan culture. *Prakash chnadersingh,Haryana* *10th March 2023*
Its amazing experience to show ancient evidence of Goa, its very useful content to all competitive exam of Govt. *Desai Vincent R.* *17th April 2023*

Nicely mankind, very polite staff, we enjoyed our time & helpful to kids to understand history more closely. thank You *Vishal Mande, Pune* *15th May 2023*
Beautifully explained by the guide on a tour of the exhibits, emphasized on the hindu roots of Goan culture, often clouded by the dominant Portuguese culture. *SubrateGhosle* *22nd May 2023*
Wonderful documentation of ancient history and especially freedom struggle against Portuguese and Indian Army action.. *Dr. Sameer Agale, Nagpur* *30th May 2023*
Its very informative I surprised to know about Buddha, Jains, and Hindu culture. *Keshari Singh* *17th August 2023*
All the monuments were good and well explained very good museum *Deeti Bhandari* *21st August 2023*
It was a small and informative museum. the staff are friendly. Thank You. *Teresa Neha, Kolkata* *22nd September 2023*

6. Details of the Collection

i.The composition of the collection:

The museum has a growing collection of interesting objects. These historic and culturally important works include;

*Sculptures

*Paintings

*Silverware

*Furniture

*Coins

*Manuscripts

ii.Qualitative Description

Some important examples of the collection are given below;

PADMANABHA

Material : Stone
Find Spot : Cuncoliem, Ponda – Goa
Period : Circa 12th C.A.D.
Dimension : 92x39cms
Acc. No. : 80.24



A fully ornamented image of Vishnu in Padmanabha form is holding 'Padma' and 'Chakra' in upper right and left hands respectively, 'Shankha' and 'Gada' in proper right and left hands. The sculpture depicts the lord wearing ornaments such as 'Kanthi', 'Haar', 'Bhujabhushanas', 'Keyuras', 'Valayas', 'Mudrikas', 'Udarbandha', 'Mekhala' fastened with a 'Kiritmukuta' clasp besides his usual 'Kiritamukuta', 'Makarkundalas', 'Yajnopavita' and 'Vaijayantimala'. He also wears a short dhoti with two types of 'Nupuras' and toe rings. 'Dashavtaras' are depicted in miniature figures.

GAJALAXMI



Material : Stone
Find Spot :Dharbandoda, Sanguem, Goa.
Period : 17th Cent. A.D.
Dimension : 88x113 cms
Acc. No. : 76.66

The semi-circular sculpture is divided into three panels. An image of 'Laxmi' seated in 'Padmasana' on a pedestal with elephants on either side lustrating water on her with pitchers. On the top of the elephants are two 'mahuts' each and behind them are warriors. On the top 'Kirtimukha', Sun and Moon are depicted. The two-armed deity holds lotus buds in her hands and is heavily adorned with ornaments and crown. The second panel depicts two horsemen with weapons on either side. The last panel depicts a dance party with musical instruments.

MAHISHASURMARDINI



Material : Stone
Find Spot : Surla-Tar, Bicholim – Goa
Period : Circa 14th C.A.D.
Dimension : 81x50 cms.
Acc. No. : 93.1

This sculpture of the four-armedMahishasurmardini is well-ornamented and decorated with a 'Prabhavali'. The goddess is stamping the buffalo-demon with her left foot holding his tongue with her proper left hand. The proper right hand is broken. She holds a 'Trishul' in upper right hand and a 'Shankha' in upper left hand. A 'Chauri' bearer is depicted by her side. The Lion attacks the demon from behind.

TIRTHANKARA



Material : Stone
Find Spot : Kudnem, Bicholim – Goa
Period : C. 15th cent. A.D.
Dimension : 62x59 cms.
Acc .No. : 06-08

This image of a Jain Tirthankara is broad-shouldered and natural, seated in a meditating posture. The image is adorned with a 'Srivatsa' mark on the chest. His hair is curly and his earlobes are missing. The triple folds on his neck or 'Trivali' are clearly depicted. The left arm and the base of the sculpture are mutilated; hence identification is not possible as cognizance is missing.

SEATED BUDDHA



Material : Stone
Find Spot : Rivona
Period : Circa 8th C.A.D.
Dimension : 114.5 x 132 cms
Acc. No. : 76-10

A magnificent sculpture of headless Buddha is seen seated in 'Bhumisparsh' Mudra. He rests on a cushioned platform placed on an elaborate rectangular pedestal with rows of Lotus petals carved on three sides. It consists of three niches with Lion facing frontward flanked on either side by standing Lions facing to the opposite direction. The head and left shoulder of the sculpture is missing.

VISHNU



Material :Stone
Find Spot : Bihar, India
Period : 4th 5th C.A.D.(Gupta period)
Dimension : 23x12 cms
Acc. No. : 97-17

Four-armed standing image of Vishnu rests his right back arm on 'Gada' and left arm on 'Chakra' placed on small base. His forearms are holding a fruit, perhaps signifying 'Jnana-amlaka' and 'Shankha'. He is adorned with round earrings, pearl necklace, simple bracelets and a long 'Vaijayatiamala' that encircles him from shoulders to knees. He wears dhoti tied with a sash with a bow at waist. He wears a 'Mukuta' with flat top which is partly damaged. The face of the image is slightly worn down. The image is graced with a Halo.

INSCRIPTION OF VIRAVARMADEVA



Dynasty : Kadamba
Script : Nagari
Find Spot : Kudtari
Tal : Salcete

Records the grant of a piece of land named Tundukapurain the Kudatarika Agrahara situated in the Chhatasathidesha (Tal. Salcete) by the king while he was ruling from Gopaka, made to Brahmin Madhavarya of the Kaushika Gotra.



SATI STONE

Material : Stone
Find Spot : Rivona, Sanguem, Goa
Period :Circa 13th C.A.D.
Dimension :120x40 cms
Acc. No. : 76.14

A pillar with 'Shikhara' carved on top of it. The right hand adorned with bangles is emerging out from the pillar in 'abhayamudra'. A couple beneath the 'Shivalinga' is carved in between the raised hand and pillar. A motif of lotus, the symbol of purity is prominently emphasized on the pillar. The piece is in well-maintained condition.

INQUISITION TABLE



The Inquisition Table was used for the trial of Goa Inquisition.The Goa Inquisition was established in 1560. Its activities ceased for a while in 1774 due to efforts of Marques de Pambal, the liberal Minister of Portugal, but revived to five years later in 1778 during the reign of D. Maria, Queen of Portugal. Only in 1812 it was finally abolished. The table has an eagle and two lions as its legs in the front and human figures in the rear. It also has four majestic chairs.

iii.Quantitative Details and Accession Lists.

The State Museum of Goa has an inventory and accession number provided to the objects according to its year of acquisition. It also has maintained a register for classification of objects.

The Museum possesses 8668 antiquities. There are also various antiquities on loan basis. Since the collection is huge, it's not possible to attach the entire list of entire database. Hence attached list of a few selected/remarkable objects at *(Please refer Annexure VI A Pg. No.77 to 135)*

iv.Antiquity, Authenticity & Registration

All the objects in the museum have an accession number and are all original pieces of art.

v.Tentative value of Collection & Insurance

The museum does not have any insurance or value of the collection.

vi.State of preservation, storage arrangements

Most of the objects are well preserved. In few paintings the obvious damages like flaking of colour, and tearing of canvas, is noticed, deterioration of few wooden objects/furniture pieces too is seen. Such conditions are reported to Regional Conservation Laboratory at Mysore and its guidance and help is sought as and when required.

The storage arrangement is good; all objects are stacked properly.

vii.Display – status, potential and constraints.

The present building holding the museum collection is, heritage building, where there is no scope for refurbishing or modification. The space is comparatively small and the display therefore is done accordingly. Only four galleries offering glimpses of art, history and culture of Goa with few displayed objects are set up. Due to space constraints major part of the collection is put in the storage. There is poor humidity control and this poses great threat to the conservation of the objects. The display boards, showcases and some of the pedestals have worn out and become

weak. Internal lights for display of objects being poor, does not contribute to the artistry of the exhibition.

The Museum currently consists of four galleries that showcase the history of Goa from the pre-historic period to the beginning of the 21st Century CE.

The first gallery is named as Glimpses of Goan Culture and houses a diorama depicting an ancient temple of Shiva at Tambdi-Surla, carved wooden pillars of temple at Sankhali, models of Tulsi Vrindavan, Tarang, Traditional Musical instruments, worship utensils are displayed.

In the second gallery Goan Expression through the Ages, besides the photographs of Rock Carvings of the prehistoric period, and early copper plate Inscription, there are original inscriptions dating back from 4th cent. A.D., a copper plate inscription of Kadamba king of Viravarmadeva, dating back to 1049 A.D., stone sculptures of different deities, hero stones and sati stones.

The third gallery 'The Portuguese Phase' depicts wooden statues of Christian saints, Pieta and Indo-Portuguese furniture's. The remarkable objects like, first available Printing Press in Goa and a flag to commemorate the Portuguese victory over Dutch dating to 1638 are also on display.

The fourth gallery reflects the story of Goa's Freedom Struggle through a Photo-exhibition.

Photographs of Existing Galleries















viii. Acquisition policy

The State Museum's present acquisition policy is to accept the objects related to history, art and culture of Goa as donation, gift or on loan basis from individuals/institutions. The unique pieces are purchased. The objects procured by state archaeology department are taken over.

ix.Uniqueness of Collection if any

Few unique objects in the State Museum are;

- **Chariot**

  A large wooden chariot was used for the procession of the deity on the occasion of the annual temple feast. It has five panels that narrate different stories from the Puranas. The lowest panel is important for the students of socio-cultural history as it depicts the lifestyle of the people of 19th Century Goans. The massive scale of the chariot and the intricate carvings draw the eyes of the visitors.

- **First Printing Press**

  The first press in Goa was established in 1556 by the Jesuit missionaries in Old Goa, which happened to be the first in Asia. This Imprenta Press from 1860 made by James Spicer & Sons, London, is an oldest available printing machine in Goa. This machine is an ode to the printing history of Goa.

- **Silken Flag**

  The historic silken flag denotes the victory of Portuguese over the Dutch at Mormugao Port in AD 1638. The flag was hand embroidered by the Nuns of the Convent of Santa Monica, Old Goa in honour of the Portuguese victory over the Dutch in their overseas war. The flag serves as a mark of gratitude expressed by the Nuns for the sacrifice of the soldiers.

- **Inquisition Table**

  The Goa Inquisition is the most dreaded part of Goan history. The Inquisition was an ecclesiastical tribunal established by the Catholic Church. The table was used by the judges to hear the cases. The spectacular table has a eagle with a snake in its claws in the centre with lions holding a ball on each corners of the frontal part while the rear has four feet depicting the heads of Africans.These

motifs and the sheer size of the table and chairs divulge the outlook of the Inquisitors towards the locals who faced the trial. The table is a representation of the absolute agony faced by the Goans irrespective of their religion.

- **Lottery Draw Machines**

  These machines are known as "gravity picks machines "where the drum was rotated and a ball was released from the bottom hole. The ball fell into the mesh funnel attached right below the hole travelling to a mesh basket. The number on the ball declared the winning-lottery. These machines were introduced by the Portuguese in 1947. The colossal size of the machines is awe-inspiring resulting in inquisitiveness of the visitors to understand more about the antiquity.

7. The Proposal

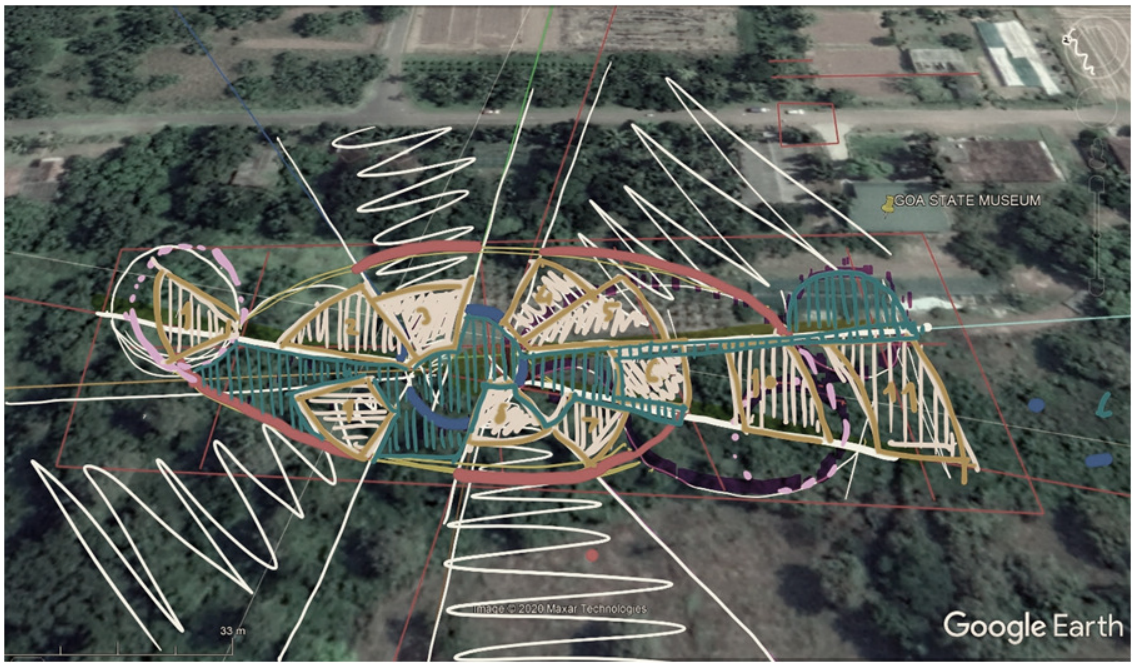


Fig:1 Conceptual Development

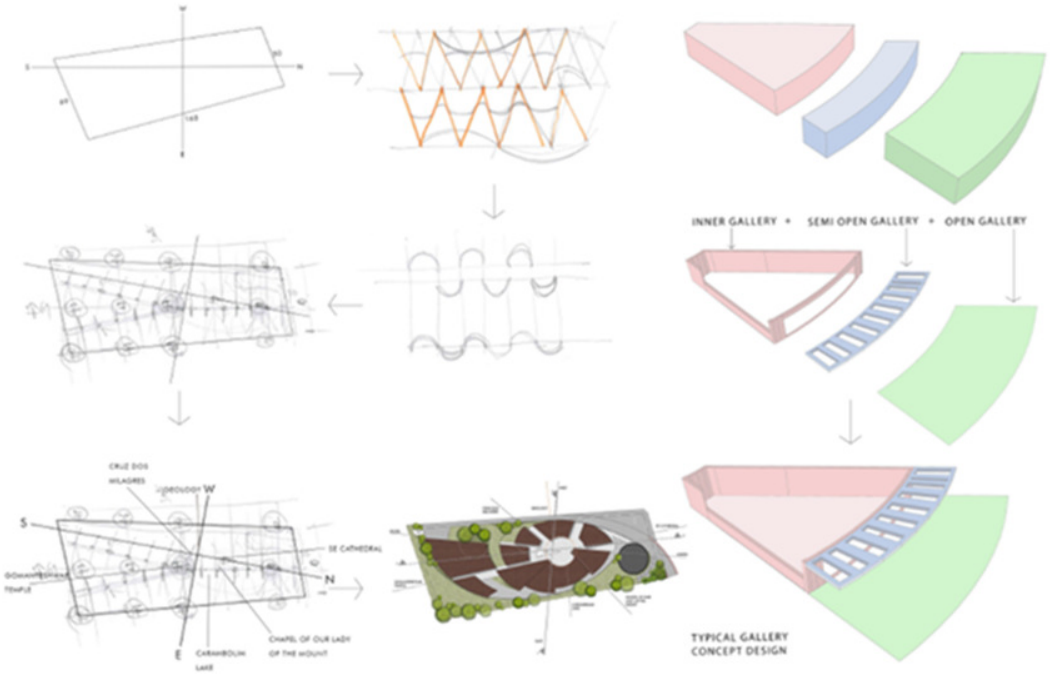


Fig: 2 Conceptual Development of the gallery

i.Building and Infrastructure

BASEMENT FLOOR

- **CONSERVATION LAB**: It is placed in the unfrequented environment of this floor to provide easier access along with a separate quiet environment for the same.
- **WORKSHOP TRAINING AND DEMONSTRATION AREA**: It is placed alongside the core to have easier access for the user as well as to provide a detached space for workshop functionalities from the rest of the quiet environment of the museum.
- **CARPENTERS AND ELECTRICAL WORKSHOP**: The workshop is placed in an unfrequented environment to isolate the noise from the rest of the built structure.
- **OFFICE:** This is positioned adjoining the core and in proximity to the central space of the complex to provide a private work environment for the user with a bit away from the movement of the public along with the technical section.

- **LIBRARY:** The library is also provided on the same floor to ensure the necessary environment and a quiet yet aesthetic space with a provision of two balconies with glass walls running along the external edge.
- **STORAGE AREA**: A storage space including the painting reserve collection room, object reserve collection room, strong room, and exhibition gallery storage area is provided.

GROUND FLOOR

- **PERMANENT GALLERIES**: There are six galleries that are designed to have closed as well as semi-open-spaced separated by pivot door which acts as louvers and also provides a smooth transition between the two spaces along with maintaining visual connectivity with the surrounding areas. To promote the movement of the user as well as to serve as a connecting space.

FIRST FLOOR

- **PERMANENT GALLERIES**: Five galleries are placed on this level to promote the movement of the user as well as to serve as a connecting space.

TERRACE FLOOR

- **CAFETERIA**: For Enjoying the Leisure time access was essential for placing the cafeteria for easier user accessibility.
- **SEMINAR HALL**: To divert the user in order to maintain the essence of galleries the seminar hall is placed on top.

Vistas have been created keeping the axis and major viewpoints from the site in mind. The massing has been placed to provide the user with varied special experiences while giving visual access to Se Cathedral, Cruz Dos Milagres, Chapel of Our Lady of the Mount, Carambolim Lake, and Gomteshwar Temple which are the major landmarks around the site.

The hierarchy of spaces is also taken into consideration by maintaining a flow of closed, semi-open, and open spaces. The slope of the site is a crucial design force through which all the ramps and the floor plates have been placed.



Fig: 3Conceptual 3D Development of the Museum



Fig: 4Conceptual Front view of the Museum



Fig: 5Conceptual Entrance view of the Museum

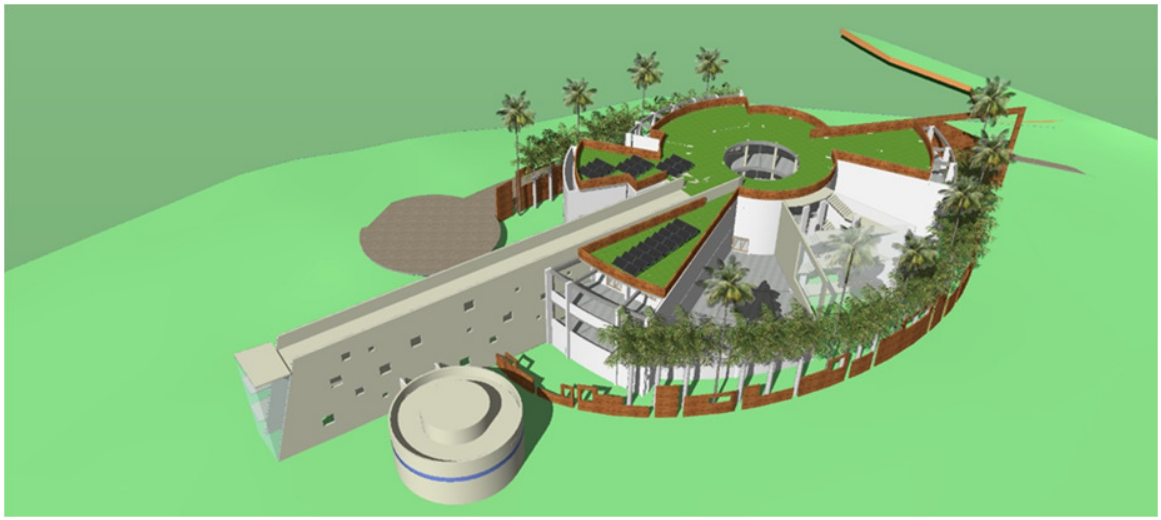


Fig: 6Conceptual Arial view of the Museum

1 Area Chart

MUSEUM AREA PROGRAMME				
Sr. No.	**SPACE**	**PROPOSED AREAS**	**PHASE ONE**	**PHASE TWO**
A0	**LOWER GROUND FLOOR**	**in sq.m.**	**in sq.m.**	**in sq.m.**
A1	Carpenters' & Electrical Workshop + Conservation Laboratory	159.71	159.71	0
A2	Store	155.68	155.68	0
A3	Library	115.58	115.58	0
A4	Administration Office	209.25	209.25	0
A5	Technical Section	169.79	169.79	0
A6	Rest Room (Male)	16.35	16.35	0
A7	Rest Room (Female)	16	16	0
A8	Workshop	118.49	118.49	0
A9	Ticket Counter	37.42	37.42	0
A10	Plinth Circulation Area	283.53	283.53	0
	TOTAL	**1281.8**	**1281.8**	**0**
B0	**GROUND FLOOR**			
B1	GALLERY 01 - Natural Heritage	118.49	118.49	0
B2	GALLERY 02 - Ancient History/Sculpture Gallery	169.79	169.79	0
B3	GALLERY 03 - Cultural Anthropology	165.13	165.13	0
B4	GALLERY 04 -Numismatics	85.03	85.03	0
B5	GALLERY 05-Furniture Gallery	155.68	155.68	0
B6	GALLERY 06 - Printing Gallery	113	113	0
B7	Rest Room (Male)	16.35	16.35	0
B8	Rest Room (Female)	16	16	0
B9	Plinth Circulation Area	483	483	0
	TOTAL	**1322.47**	**1322.47**	**0**
C0	**FIRST FLOOR**			
C1	GALLERY 07 - Menezes Braganza Gallery	56.71	56.71	0
C2	GALLERY 08 - Banerji Art	155.68	155.68	0
C3	GALLERY 09 - Christian Art Gallery	113	113	0
C4	GALLERY 10 - Goa's Freedom Struggle	169.79	169.79	0
C5	GALLERY 11-Contemprory Art	95.91	95.91	0
C6	Rest Room (Male)	16.35	16.35	0
C7	Rest Room (Female)	16	16	0
C8	Circulation	333.16	333.16	0
	TOTAL	**956.6**	**956.6**	**0**

D0	TERRACE			
D1	Seminar Hall	51.46	0	51.46
D2	Cafeteria	33.03	0	33.03
D3	Rest Room (Male)	16.35	16.35	0
D4	Rest Room (Female)	16	16	0
D5	Circulation	837.5	0	0
	TOTAL	**116.84**	**32.35**	**84.49**
	GRAND TOTAL	**3677.71**	**3593.22**	**84.49**

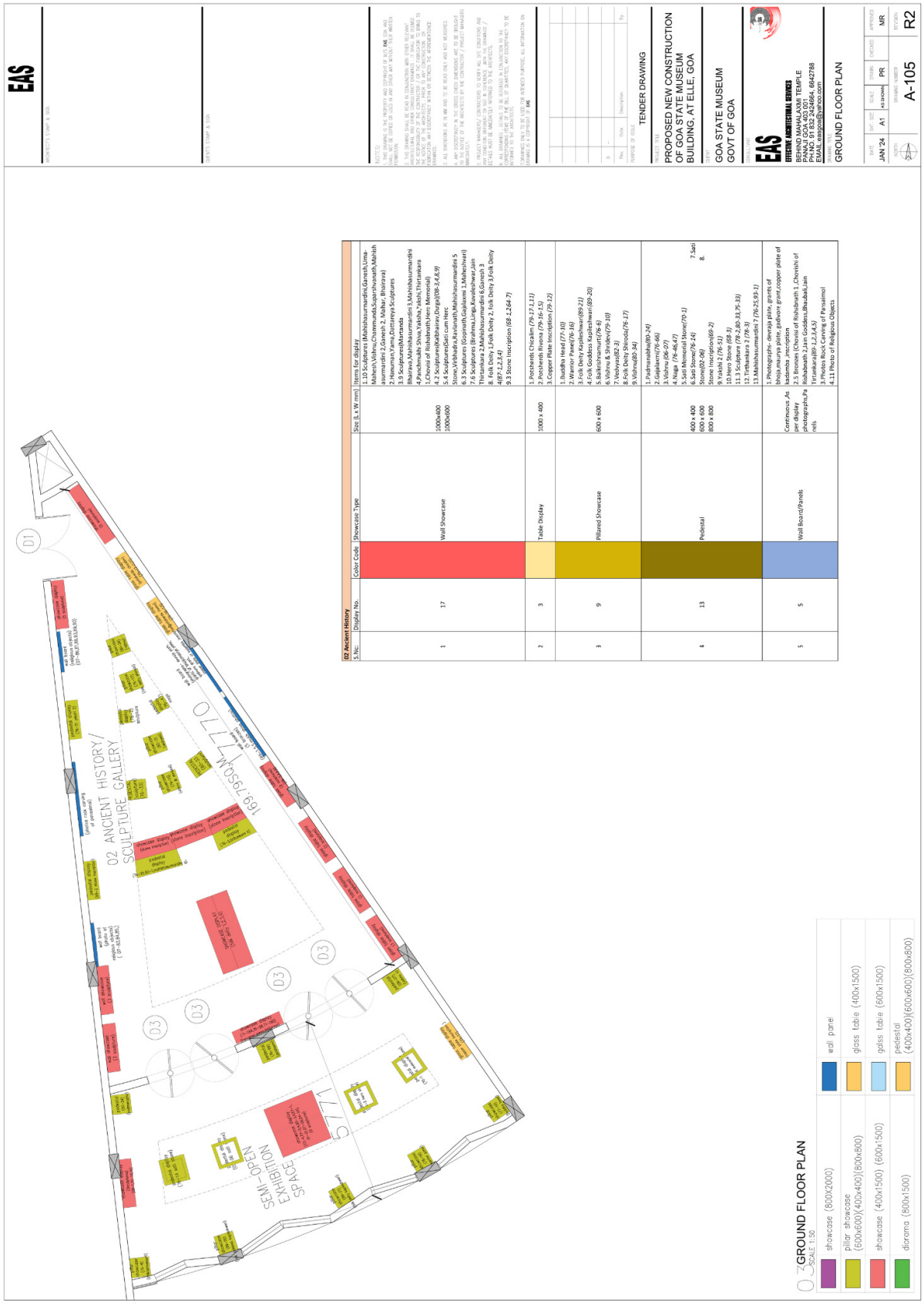
ii.Interiors & Display

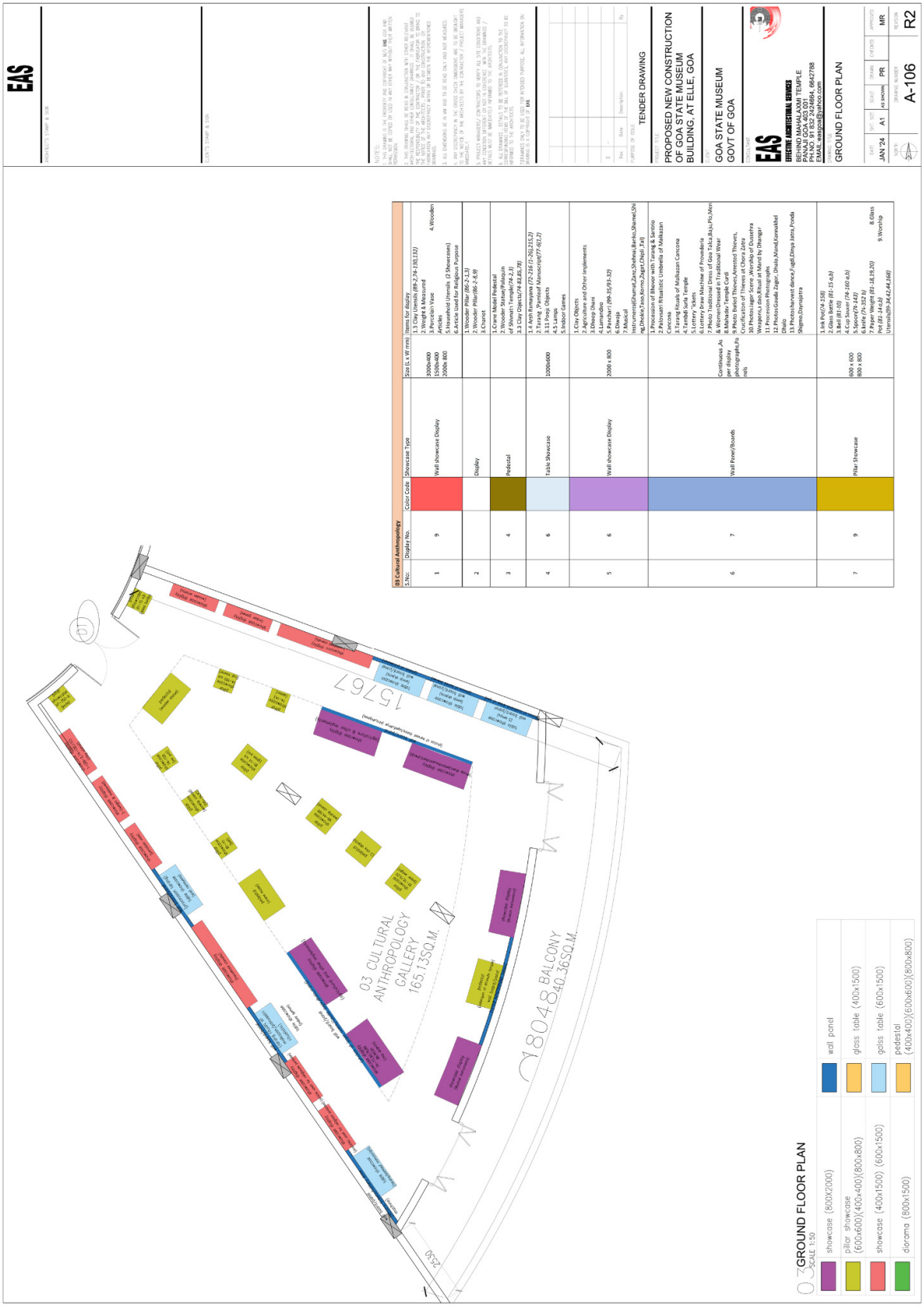
The galleries are designed to have closed as well as semi-open-spaced separated by pivot door which acts as louvers and also provides a smooth transition between the two spaces.

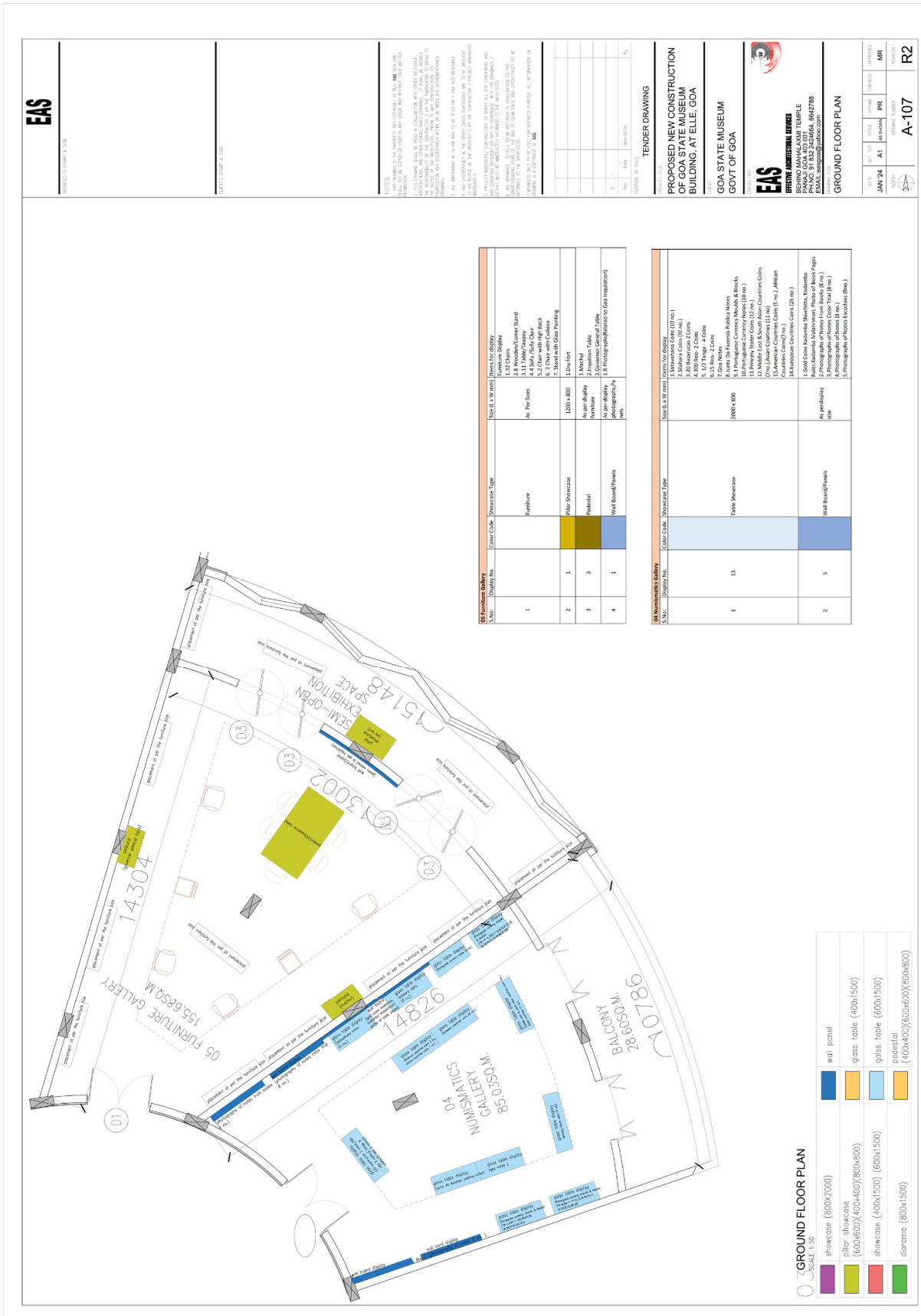
A laterite wall runs along with the built envelope with punctures to provide visual access to the major landmarks which was a key element of the design. The amphitheatre has been provided with a spill-over space that can act as a waiting area. Along with this, the amphitheatre has been designed to have a pre-functioning area and a backstage area.

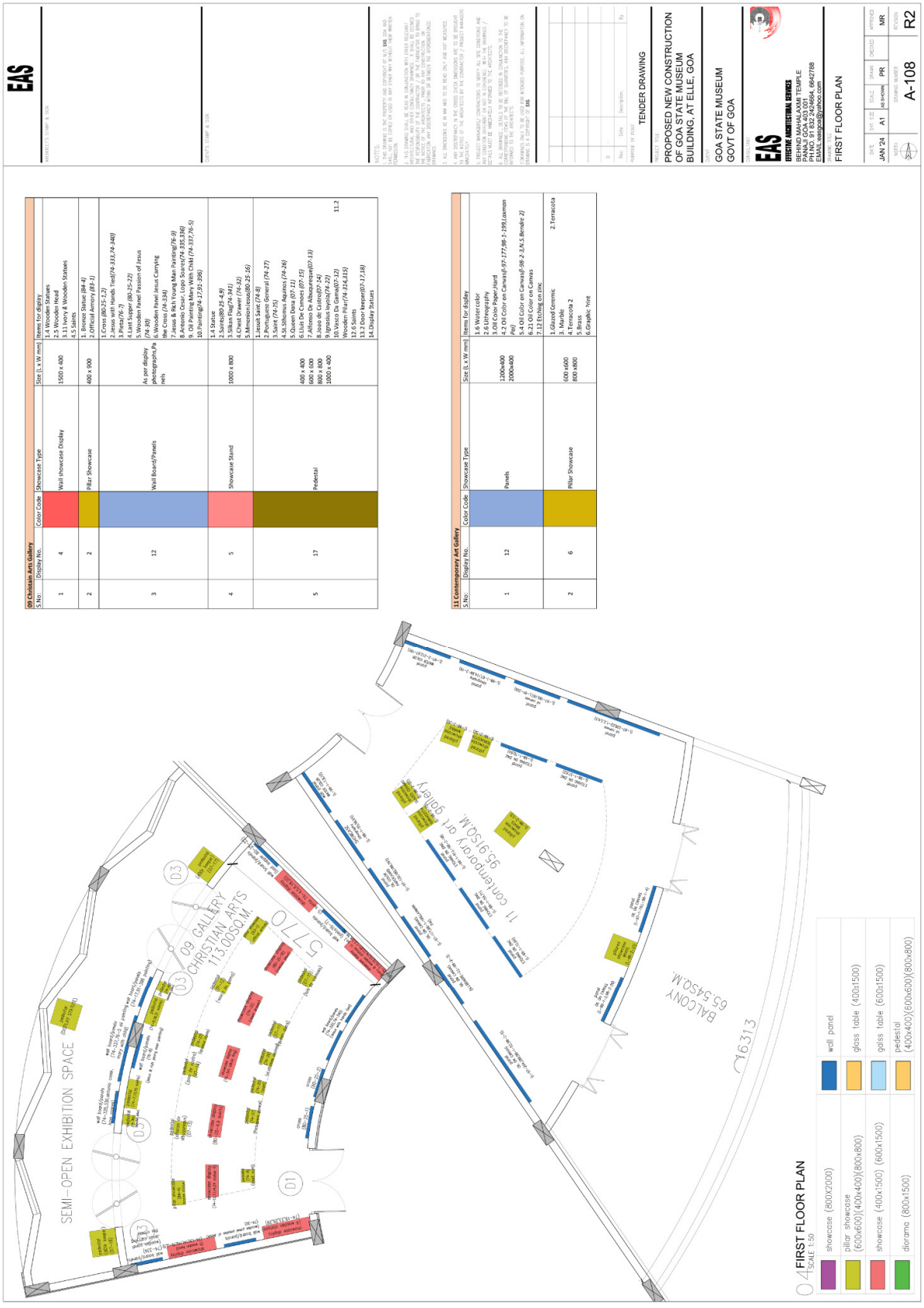
The office space is placed close to the core to provide easy access to the user and is placed on the basement floorto maintain privacy. The library is also provided on the same floor to ensure the necessary environment and a quiet yet aesthetic space.

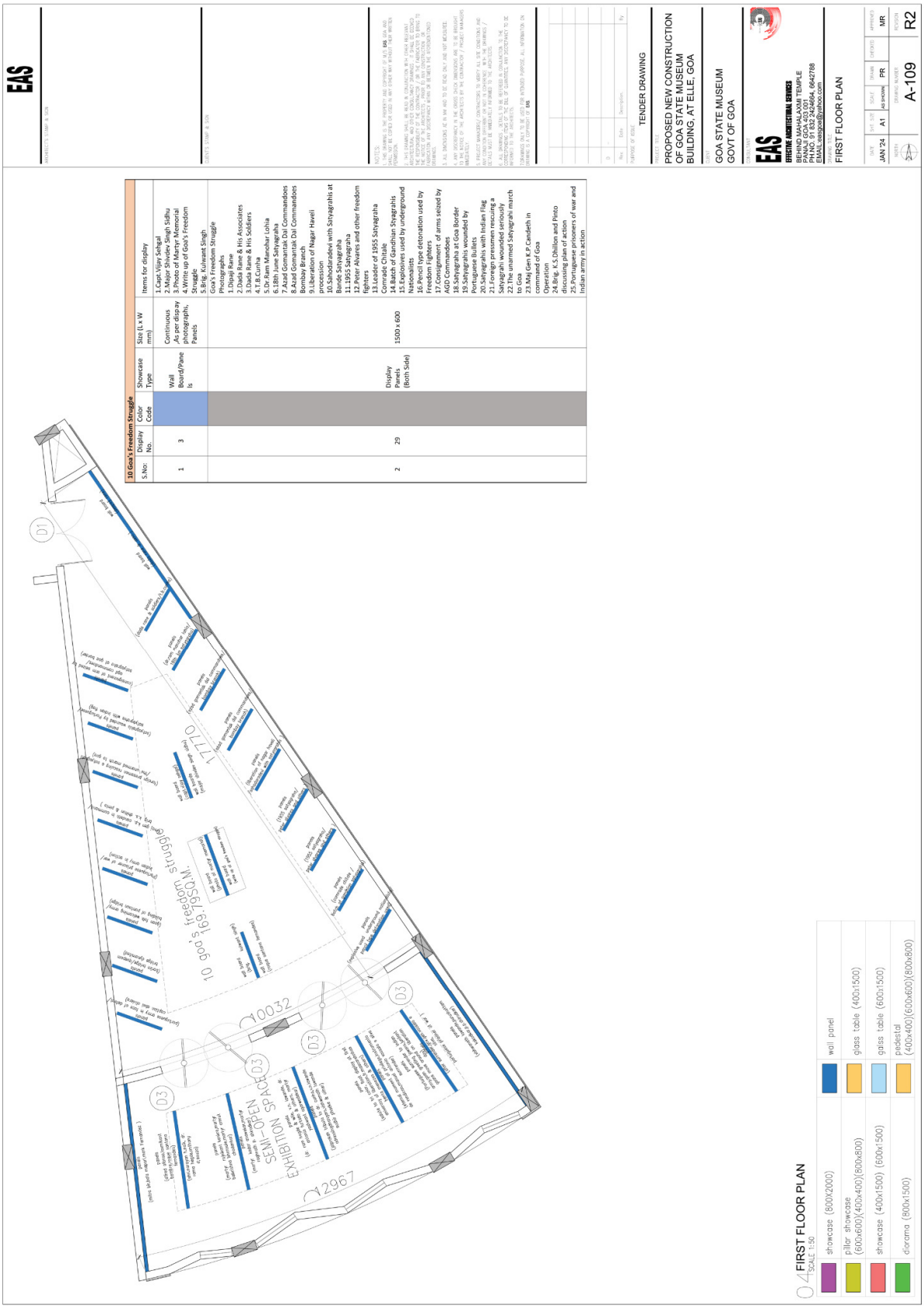
EAS
ARCHITECTS PLANNER & DESIGN
COLOR CODING & SIZING
NOTES:
TENDER DRAWING
PROPOSED NEW CONSTRUCTION OF GOA STATE MUSEUM BUILDING, AT ELLE, GOA
GOA STATE MUSEUM
GOVT OF GOA
EFFECTIVE ARCHITECTURAL SERVICES
BEHIND MAHALAXMI TEMPLE
PANAJI, GOA 403001
PH NO. 91 832 2424664, 6842788
EMAIL: eas.goa@yahoo.com
GROUND FLOOR PLAN
JAN '24
A1
A-104
R2
06 Printing Gallery
01 Natural Heritage Gallery
SEMI-OPEN EXHIBITION SPACE
06 PRINTING GALLERY113.00SQ.M.
01 NATURAL HERITAGE GALLERY 118.49SQ.M.
GROUND FLOOR PLAN
SCALE 1:50
showcase (800X2000)
pillar showcase (600x600)(400x400)(800x800)
showcase (400x1500) (600x1500)
diorama (800x1500)
wall panel
glass table (400x1500)
glass table (600x1500)
pedestal (400x400)(600x600)(800x800)

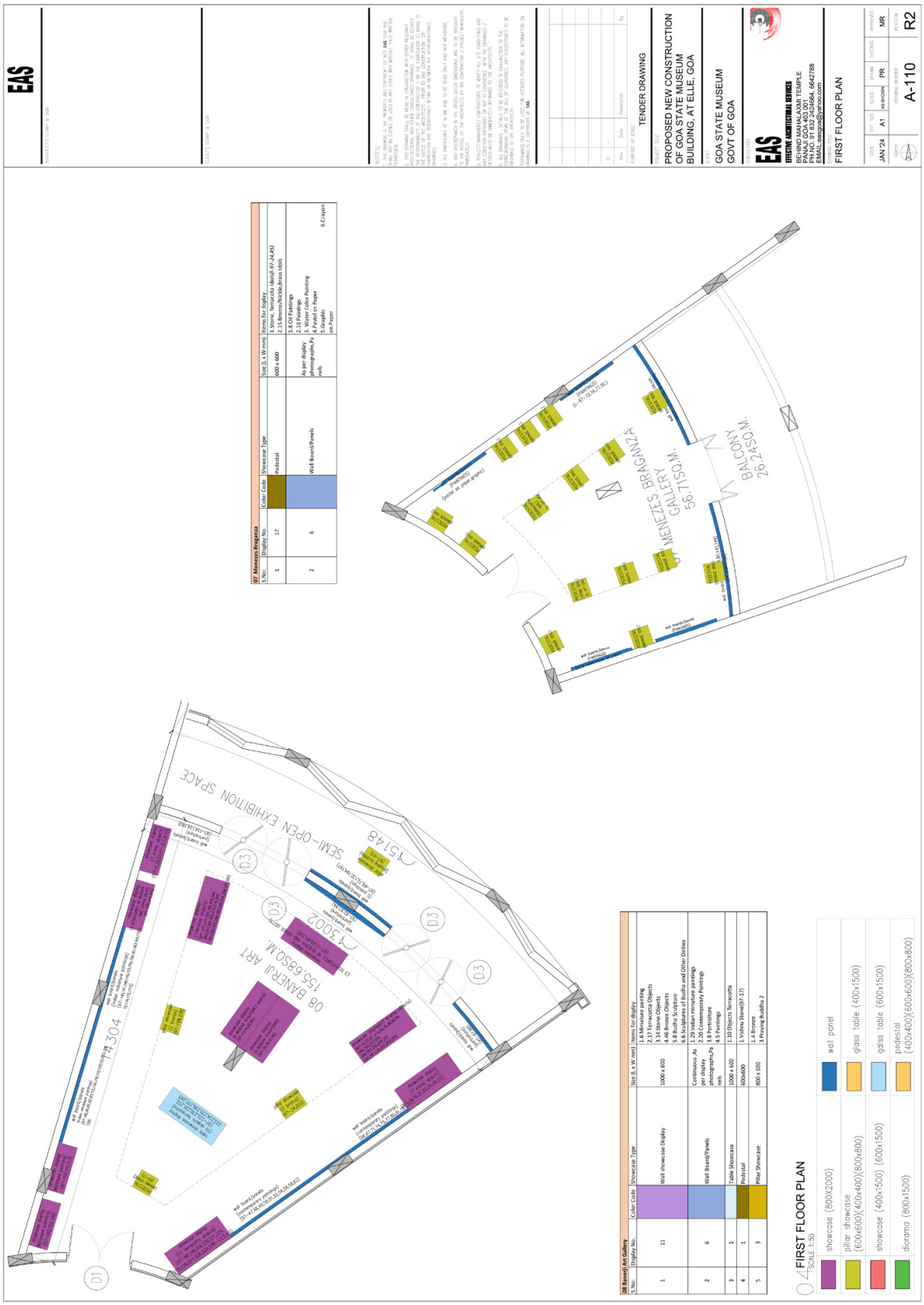

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ALL DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THE APPROVED PLANNING, ALL INFORMATION ON DRAWINGS ONLY TO BE USED FOR APPROVED PLANNING.
EAS
No. | Date | Description | By
TENDER DRAWING
PROJECT TITLE
PROPOSED NEW CONSTRUCTION OF GOA STATE MUSEUM BUILDING, AT ELLE, GOA
CLIENT
GOA STATE MUSEUM GOVT OF GOA
ARCHITECTS
EAS
EFFECTIVE ARCHITECTURAL SERVICES
BEHIND MAHALAXMI TEMPLE
PANAJI GOA 403 001
PHONE NO. 2223084 / 6642788
EMAIL easpan@yahoo.com
DRAWING TITLE
GROUND FLOOR PLAN
DATE: JAN 24
SHT. SIZ: A1
SCALE: AS SHOWN
DRAWN: PR
CHECKED:
APPROVED: MR
DRAWING NUMBER: A-105
REVISION: R2
02 Ancient History
S.No. | Display No. | Color Code | Showcase Type | Size (L x W mm) | Items for display
1 | 17 | Wall Showcase | 1000x400 / 1000x600 | 1.10 Sculptures (Mahishasurmardini,Ganesh,Uma-Maheshvara,Vishnu,Chamunda,Suparshvanath,Mahishasurmardini 2,Ganesh 2, Makar, Bhairava) 2. Hanuman,Yama,Dattatreya Sculptures 3.1 Sculptures (Mahishasurmardini 3,Mahishasurmardini Bhairava,Mahishasurmardini 3,Mahishasurmardini 4.Panchmukhi Shiva,Yaksha,Yakshi,Thirtankara 1,Chovisi of Rishabnath,Hero Memorial) 4.2 Sculptures(Kalbhairav,Durga)((08-3,4,8,9) 5.4 Sculptures(Sati Cum Hero 5.5 Sculptures (Ganesh 4,Mahishasurmardini 5 6.3 Sculptures (Gopinath,Gajalaxmi 1,Maheshwari) 7.6 Sculptures (Brahma,Linga,Kovalaeshwar,Jain Thirtankara 2,Mahishasurmardini 6,Ganesh 3 8. Folk Deity 1,Folk Deity 2, Folk Deity 3,Folk Deity 4)(07-1,2,3,4) 9.3 Stone Inscription (08-1,2&4-7)
2 | 3 | Table Display | 1000 x 400 | 1. Pinchwhi Chadhr (70-71,11) 2. Pinchwhi, Bhuvaan (79-14,15) 3. Copper Plate Inscription (79-12)
3 | 9 | Pillared Showcase | 600 x 600 | 1. Buddha Head (77-10) 2. Warrior Panel(76-16) 3.Folk Deity Kapileshwari((85-21) 4.Folk Goddess Kapileshwari((89-20) 5.Balkrishnamurti(78-9) 6.Vishnu & Shridevi(79-10) 7. Vishnu(80-23) 8.Folk Deity Shirodo(76-17) 9.Vishnu(80-34)
4 | 13 | Pedestal | 600 x 400 / 600 x 600 / 800 x 800 | 1. Padmanabha(80-24) 2.Gajalaxmi(76-66) 3.Vishnu (06-07) 4.Naga (76-46,47) 5.Sati Memorial Stone(70-1) 7.Sati 6. Sati Stone(76-14) 8. Stone(82-,06) Stone Inscription(69-2) 9.Yaksi 1 (76-51) 10.Hero Stone (68-3) 11.3 Sculpture (78-2,80-33,76-33) 12. Mahishasurmardini 13 13. Mahishasurmardini 7 (76-25,93-1)
5 | 5 | Wall Board/Panels | Continuous As per display photographs/Panels | 1. Photographs ,devraja plate, grants of Shivaji,Portraits, relevant grant,copper plate of Sadashiv ,inscription 2.5 Bronzes (Chovisi of Rishabnath 1,Chovisi of Rishabnath 2,Jain Goddess,Bhaubali,Jain Tirtankar)(69-1,2,3,4,5) 3.Photos Rock Carving of Pansaimol 4.11 Photos of Religious Objects
GROUND FLOOR PLAN
SCALE 1:50
showcase (800x2000)
wall pane
pillar showcase (600x600)(400x400)(800x800)
glass table (400x1500)
showcase (400x1500) (600x1500)
glass table (600x1500)
diorama (800x1500)
pedestal (400x400)(600x600)(800x800)
SEMI-OPEN EXHIBITION SPACE
02 ANCIENT HISTORY/ SCULPTURE GALLERY
169.79SQ.M.
D1
D3


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Rev. | Date | Description | By
PURPOSE OF ISSUE
TENDER DRAWING
PROJECT TITLE
PROPOSED NEW CONSTRUCTION OF GOA STATE MUSEUM BUILDING, AT ELLE, GOA
CLIENT
GOA STATE MUSEUM GOVT OF GOA
CONSULTANT
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ERSTWHILE ARCHITECTURAL SERVICES
BEHIND MAHALAXMI TEMPLE
PANJIM, GOA 403001
PH NO. 91-832-2424864, 6642788
EMAIL easgoa@yahoo.com
DRAWING TITLE
GROUND FLOOR PLAN
DATE: JAN '24
DWG. SIZE: A1
SCALE: AS SHOWN
DRAWN: PR
CHECKED:
APPROVED: MR
NORTH
DRAWING NUMBER: A-106
REVISION: R2
03 Cultural Anthropology
S.No. | Display No. | Color Code | Showcase Type | Size (L x W mm) | Items for display
1 | 9 | Wall showcase Display | 3000x600 1500x600 2000x 800 | 1.3 Clay Utensils (Rh-2,74-176),(132) 2.Weight & Measured 3.Rice Pots 4.Wooden Articles 5.Household Utensils (2 Showcases) 6.Article Used for Religious Purpose
2 | | Display | | 1.Wooden Pillar (Rh-2.13) 2.Wooden Palanquin (A-88) 3.Chariot
3 | 4 | Pedestal | | 1.Crane Model Pedestal 2.Wooden Statues/Palanquin of Shivnath (Temple)(Pd-2,3) 3.Tulsi Vrindavan (Pd-2,4),(Pd-2,28)
4 | 6 | Table Showcase | 1000x600 | 1.4 Ankh Rimayana (72-316 (1-26),215,3) 2.Tarang, Pramleaf Manuscript(77-61,2) 3.11 Pooja Objects 4.5 Lamps 5.Indoor Games
5 | 6 | Wall showcase Display | 2000 x 800 | 1.Clay Objects 2.Agricultural and Other Implements 3.Dhoopi Dhani 4.Lamandino 5.Panchari (99-35,93-32) 6.Kansa 7.Musical Instruments(Ghumat,Zans,Shahnai,Bansi,Jhanvel,Shi ng),Dholke,Tasa,Xemo,Zagat,Chapli,Tali
6 | 7 | Wall Panel/Boards | Continuous As per display requirements,Pa nels | 1.Procession of Bhoton with Tarang & Santino 2.Fishing Rituals, Umbrella of a Mahajan Cancona 3.Tarang Rituals of Mahajan Cancona 4.Tambdi Surla Temple 5.Lottery Draw Machine 6.Lottery Draw Machine of Proveideria 7.Photo Traditional Dress of Goa Talka,Bulu,Pio,Mon & Women Dressed in Traditional Wear 8.Photo Fontainhas Area 9.Photo Baited Thieves,Arrested Thieves, Crucification of Thieves at Chora Zatra 10.Photos Lagori Scene ,Hornbo of Dussehra 11.Procession Photographs 12.Photos Gouda Zagor, Dhalo,Mand,Kunnakhol Dhalo 13.Photo Konkani Tiatr Natak by Dhangar 14.Photo Konkani dance,Fugdi,Dhrya Jatra,Ponda Shigmo,Damjatra
7 | 9 | Pillar Showcase | 600 x 600 800 x 800 | 1.Ink Pen(74-158) 2.Glass Bottle (Rj-15 a,b) 3.Bell (81-10) 4.Coin (72-160 a,b) 5.Spoon(76-142) 6.Knife (76-352 b) 7.Paper Weight (81-18,19,20) 8.Glass Pen Holder (81-21) 9.Worship Utensils(99-34,42,44,168)
03 GROUND FLOOR PLAN
SCALE 1:50
showcase (800X2000)
pillar showcase (600x600)(400x400)(800x800)
showcase (400x1500) (600x1500)
diorama (800x1500)
wall panel
glass table (400x1500)
gass table (600x1500)
pedestal (400x400)(600x600)(800x800)
1576.7
03 CULTURAL ANTHROPOLOGY GALLERY 165.13SQ.M.
80.48 BALCONY 40.36SQ.M.
2.50


EAS
TENDER DRAWING
PROPOSED NEW CONSTRUCTION OF GOA STATE MUSEUM BUILDING, AT ELLE, GOA
GOA STATE MUSEUM GOVT OF GOA
EAS
EFFECTIVE ARCHITECTURAL SERVICES
BEHIND MAHALAXMI TEMPLE
PANAJI, GOA 403001
PH NO. 91 832 2424664, 6642788
EMAIL: easgoa@yahoo.com
GROUND FLOOR PLAN
A-107
R2
05 Furniture Gallery
04 Numismatic Gallery
GROUND FLOOR PLAN
SCALE 1:50
showcase (800x2000)
pillar showcase (600x600)(400x400)(800x800)
showcase (400x1500) (600x1500)
diorama (800x1500)
wall panel
glass table (400x1500)
gplss table (600x1500)
pedestal (400x400)(600x600)(800x800)


EAS
ARCHITECTS STAMP & SIGN
CLIENT'S STAMP & SIGN
NOTES:
TENDER DRAWING
PROPOSED NEW CONSTRUCTION OF GOA STATE MUSEUM BUILDING, AT ELLE, GOA
GOA STATE MUSEUM GOVT OF GOA
EAS
EFFECTIVE ARCHITECTURAL SERVICES
BEHIND MAHALAXMI TEMPLE
PANAJI GOA 403 001
PHONE NO. 9823026456, 6642788
EMAIL easgoa@yahoo.com
FIRST FLOOR PLAN
DATE JAN '24
SHT. SIZE A1
SCALE as shown
DRAWN PR
CHECKED MR
APPROVED
DRAWING NUMBER A-108
REVISION R2
09 Christain Arts Gallery
S.No: Display No.: Color Code: Showcase Type: Size (L x W mm): Items for display:
1 4 Wall showcase Display 1500 x 400 1.4 Wooden Statues
2.5 Wooden Head
3.1 Ivory & Wooden Statues
4.5 Saints
2 2 Pillar Showcase 400 x 900 1. Bronze Statue (84-4)
2.Official Armory (83-1)
3 12 Wall Board/Panels As per display photographs/Panels 1.Cross (80-25-1,2)
2.-Jesus with Hands Tied(74-333,74-340)
3.Pieta(76-7)
4.Last Supper (80-25-22)
5.Wooden Panel Passion of Jesus (74-30)
6.Wooden Panel Jesus Carrying the Cross (74-334)
7.Goa Art - Christian Man Painting(76-9)
8.Antonio Oscar Lobo Soares(74-335,336)
9. Oil Painting Mary With Child (74-337,76-5)
10.Painting(74-1795-396)
4 5 Showcase Stand 1000 x 800 1.4 Statue
2.Saints(80-25-4,9)
3.Sikkim Flag(74-344)
4.Christ Statue (74-33)
5.Mmission tassels(80-25-16)
5 17 Pedestal 400 x 400
600 x 600
800 x 800
1000 x 400 1.Jesus Saint (74-8)
2.Portuguese General (74-27)
3.Saint (74-15)
4.St.Nicholas Aquitos (74-26)
5.Goan Priest (74-31)
6.Luis De Camoes (07-15)
7.Alfonso De Albuquerque(07-13)
8.Joao de Castro(07-14)
9.Ignatius loyola(74-22)
10.Vasco De Gama(07-12)
Wooden Pilar(74-314,315)
12.6 Saints
13.2 Door keeper(07-17,18)
14.Display Satues
11.2
11 Contemporary Art Gallery
S.No: Display No.: Color Code: Showcase Type: Size (L x W mm): Items for dipslay:
1 12 Panels 1200x400
2000x400 1.K Vasan cubes
2.E Ellmpraphy
3.Oil Color Paper,Jiard
4.2 Oil Color on Canvas(I-97-177,98-1-199,Laxmon Pai)
5.-4 Oil Color on Canvas(I-98-2 &M.S Bandre-2)
6.-1 Oil Color on canvas
7.12 Etching on zinc
2 6 Pillar Showcase 600 x600
800 x800 1.Glazed Ceremic
2.Terracota
3. Marble
4.Terracota 2
5. Brass
6.Graphic Print
SEMI-OPEN EXHIBITION SPACE
09 GALLERY CHRISTIAN ARTS 113.00SQ.M.
11 contemporary art gallery 93.91SQ.M.
BALCONY 65.54SQ.M.
57.70
76.313
D1
D2
D3
04 FIRST FLOOR PLAN
SCALE 1:50
showcase (800X2000)
pillar showcase (600x600)(400x400)(800x800)
showcase (400x1500) (600x1500)
diorama (800x1500)
wall panel
glass table (400x1500)
gglss table (600x1500)
pedestal (400x400)(600x600)(800x800)


EAS
ARCHITECT'S STAMP & SIGN
CLIENT'S STAMP & SIGN
NOTES:
TENDER DRAWING
PROPOSED NEW CONSTRUCTION OF GOA STATE MUSEUM BUILDING, AT ELLE, GOA
GOA STATE MUSEUM GOVT OF GOA
EAS
EFFECTIVE ARCHITECTURAL SERVICES
BEHIND MAHALAXMI TEMPLE
PANAJI GOA 403 001
PHONE 0832-2426864, 6642788
EMAIL easgoa@yahoo.com
FIRST FLOOR PLAN
DATE JAN '24
SHT. SIZE A1
SCALE AS SHOWN
DRAWN PR
CHECKED
APPROVED MR
DRAWING NUMBER A-109
REVISION R2
10 Goa's Freedom Struggle
S.No: Display No.
Display Code
Showcase Type
Size (L x W mm)
Items for display
1 3 Wall Board/Panels Continuous As per display photographs, Panels
1. Capt. Vijay Sehgal
2. Major Shivdev Singh Sidhu
3. Photo of Martyr Memorial
4. Write up of Goa's Freedom Struggle
5. Brig. Kulwant Singh
Goa's Freedom Struggle Photographs
1. Dipaji Rane
2. Dada Rane & His Associates
3. Jaya Rane & His Soldiers
4. T.B. Cunha
5. Dr. Ram Manohar Lohia
6. 18th June Satyagraha
7. Azad Gomantak Dal Commandoes
8. Azad Gomantak Dal Commandoes
Bomb Blast
9. Liberation of Nagar Haveli procession
10. Sahodaradevi with Satyagrahis at Bande Satyagraha
11. 1955 Satyagraha
12. Peter Alvares and other freedom fighters
2 29 Display Panels (Both Side) 1500 x 600
13. Leader of 1955 Satyagraha
Comrade Chitale
14. Batch of Gandhian Satyagrahis
15. Explosives used by underground Nationalists
16. Pencil type detonation used by Freedom Fighters
17. Consignment of arms seized by AGD Commandoes
18. Satyagraha at Goa Border
19. Satyagrahis wounded by Portuguese Bullets
20. Satyagrahis with Indian Flag
21. Foreign pressmen rescuing a Satyagrahi wounded seriously
22. The unarmed Satyagrahi march to Goa
23. Maj Gen K.P. Candeth in command of Goa Operation
24. Brig. K.S. Dhillon and Pinto discussing plan of action
25. Some prisoners of war and Indian army in action
10 goa's freedom struggle 169.79SQ.M.
EXHIBITION SPACE
SEMI-OPEN
FIRST FLOOR PLAN
SCALE 1:50
showcase (800X2000)
wall panel
pillar showcase (600x600)(400x400)(800x800)
glass table (400x1500)
showcase (400x1500) (600x1500)
glass table (600x1500)
diorama (800x1500)
pedestal (400x400)(600x600)(800x800)


EAS
NOTES:
TENDER DRAWING
PROPOSED NEW CONSTRUCTION OF GOA STATE MUSEUM BUILDING, AT ELLE, GOA
GOA STATE MUSEUM GOVT OF GOA
EAS
EFFECTIVE ARCHITECTURAL SERVICES
FIRST FLOOR PLAN
A-110
R2
07 Menezes Braganza
08 Banerji Art Gallery
MENEZES BRAGANZA GALLERY 56.71SQ.M.
BALCONY 26.24SQ.M.
08 BANERJI ART 155.68SQ.M.
SEMI-OPEN EXHIBITION SPACE
FIRST FLOOR PLAN
SCALE 1:50
showcase (800X2000)
wall panel
pillar showcase (600x600)(400x400)(800x800)
glass table (400x1500)
showcase (400x1500) (600x1500)
gglss table (600x1500)
diorama (800x1500)
pedestal (400x400)(600x600)(800x800)

1. The Natural Heritage Gallery: -

The Natural Heritage & Environment Development Gallery at the Goa State Museum is an interesting and educational display that highlights the region's unique flora and fauna, as well as environmental and ecological elements. This gallery gives visitors a better knowledge of Goa's natural heritage, its distinct ecosystems, and the significance of preserving its diverse biodiversity.

It also consists of the geological perspective of Goa, with exhibitions of local rocks, minerals, and fossils. Visitors can learn about the geological history of the state as well as the natural resources that have aided in its growth. This Gallery has Rock and Mineral Displays, Laterite Stones, Mineral Resources, Mining and Quarrying Models, Geological and Mineral Maps, and Evolving Coastline Panels.

The displays are such that it has around 15 wall showcases running along the wall and 20 glass dioramas. Besides that, the information and photography panel also run along the wall.

01 Natural Heritage Gallery					
Sr. No:	Furniture No.	Color Code	Showcase Type	Size (L x Wmm)	Items for display
1	7		Table Showcase	1500x600	1. Laterite Stones 2.Samples of Igneous Rocks 3. Samples of Sedimentary Rocks 4.Metamorphic Rocks in Goa 5.Minerals of Goa 6.No. Of Minerals 7.Fossils &Shells
2	9		Table Showcase (Diorama)	1200x400 1200x600	1.Interior of Earth Model 2. Metamorphic Rocks in Goa 3.Coastal Bio-Diversity Model 4. View of Westernghats Model 5.River Bio-Diversity Model 6.Depicting Mangroves Model 7.Depicting Ocean Life Model 8.Dipicting the Living Planet Model 9.Details of Bio -Magnification Model

3	24		Wall Board/ Panels	As per display photographs, Panels	1.Mineral Ore Exporters Association 2.Earthquakers & Earth Inerior 3.Continental Drift & Plate Tectonics 4.Physical Features of Goa 5.Geological & Mineral Map of Goa 6.Evolving Coastline of Goa 7.Meta-Greywackes at Vagotor 8.Physiography Features of Goa 9.Detailed Map of Goa 10.Geological to Historical Time, Goan Scenario 11.Flowers Panel of Goa with Botanical Names 12.Different Trees of Goa with Botanical Names 13.Westernghats Write up 14. Description & Map of Sanctuary of Goa 15. Write up on Marine Bio-Diversity 16.Picture with common and Scientific names of anilmals 17. Coast Land & Wet Land Birds with C/S Names 18.Exhibits on Inland and Forest Birds with C/S Names 19.Photographs on Butterflies with C/S Names 20.Insects & Spiders 21.Sankes,Sea Snakes with C/S Names 22.Amphibians & Reptiles with C/S Names 23.Marine Life Animals with their C/S Names 24.Marine Mammals with their C/S Names
4	1		Wall showcase Display	2000x400	1.Write Up on Conservation of Environment (Model)





2. Ancient History/Sculpture Gallery: -

The Goa State Museum's Ancient History Gallery is a riveting exhibition that digs into the region's rich historical legacy, presenting antiques and displays that offer insights into the ancient civilizations and cultures that once thrived in Goa. Display artefacts an impressive collection of sculptures dating back to different periods of history. Visitors can explore exquisite stone and metal sculptures, many of which are associated with Hindu and Jain

traditions, offering a glimpse into the artistry and religious beliefs of ancient Goa. This gallery showcases an eclectic mix of artifacts, including wooden pillars, religious sculptures, copper inscriptions, religious idols, and pottery shards, providing visitors with a diverse and immersive experience.

Sculptures are displayed in pillared pedestals (open and glass-cased), There are 15 wall showcases and 7 double-side display showcases, glass table displays are also placed along with display panels.

02 Ancient History					
Sr. No:	Furniture No.	Color Code	Showcase Type	Size (L x W mm)	Items for display
1	17		Wall Showcase	1000x400 1000x600	1.10 Sculptures (Mahishasurmardini,Ganesh,Uma-Mahesh,Vishnu,Chammunda,Suparshvanath,Mahishasurmardini 2,Ganesh 2, Malhar, Bhairava) 2.Hanuman,Yama,Dattareya Sculptures 3.9 Sculptures(Martanda Bhairava,Mahishasurmardini 3,Mahishasurmardini 4,Panchmukhi Shiva,Yaksha,Yakshi,Thirtankara 1,Chovisi of Rishabnath,Hero Memorial) 4.2 Sculptures(Kalbhairav,Durga) *(08-3,4,8,9)* 5.4 Sculptures(Sati cum Hero Stone,Virbhadra,Ravlanath,Mahishasurmardini 5 6.3 Sculptures (Gopinath,Gajalaxmi 1,Maheshvari) 7.6 Sculptures (Brahma,Linga,Kuvaleshwar,JainThirtankara 2,Mahishasurmardini 6,Ganesh 3 8. Folk Deity 1,Folk Deity 2, Folk Deity 3,Folk Deity 4*(87-1,2,3,4)* 9.3 Stone Inscription *(68-1,2,64-7)*
2	3		Table Display	1000x400	1.Potsherds Chicalim *(79-17-1,11)* 2.PotsherdsRivona *(79-16-1,5)* 3.Copper Plate Inscription *(79-12)*
3	9		Pillared Showcase	600x600	1.Buddha Head *(77-10)* 2.Warrior Panel*(76-16)* 3.Folk Deity Kapileshwari*(89-21)*

					4.Folk Goddess Kapileshwari*(89-20)* 5.Balkrishnamurti*(76-6)* 6.Vishnu & Shridevi*(79-10)* 7.Vedvyas*(82-3)* 8.Folk Deity Shiroda*(76-17)* 9.Vishnu*(80-34)*
4	13		Pedestal	400 x 400 600 x 600 800 x 800	1.Padmanabha*(80-24)* 2.Gajalaxmi*(76-66)* 3.Vishnu *(06-07)* 4.Naga *(76-46,47)* 5.Sati Memorial Stone*(70-1)* 6.Sati Stone*(76-14)* 7.Sati Stone*(02-06)* 8. Stone Inscription*(69-2)* 9.Yakshi 2 *(76-51)* 10.Hero Stone *(68-3)* 11.3 Sculpture *(78-2,80-33,76-33)* 12.Tirthankara 2 *(78-3)* 13.Mahishasurmardini 7 *(76-25,93-1)*
5	5		Wall Board/ Panels	As per display photographs, Panels	1.Photographs- devraja plate, grants of bhoja, maurya plate, gadivoregrant, copper plate of kadamba, inscription 2.5 Bronzes (Chovisi of Rishabnath 1, Chovishi of Rishabnath 2, JainGoddess, Bhaubali, JainTirtankara*(89-1,2,3,4,5)* 3.Photos Rock Carving of Pansaimol 4.11 Photo of Religious Objects





3. Cultural Anthropology Gallery: -

The Cultural Anthropology Gallery displays a captivating exhibition that provides a rich and immersive experience into the cultural heritage and traditions of the people of Goa. This gallery showcases a diverse array of artifacts and exhibits that offer insights into the daily lives, customs, and social practices of Goan communities throughout history. Which Displays Clay and Household Utensils, Weights and Wooden Articles, Indoor Games, Porcelain Vases, etc.

This gallery has around 12 pillared showcases,4 double-side display showcases, and 10 wall showcases.

03 Cultural Anthropology					
Sr. No:	Furniture No.	Color Code	Showcase Type	Size (L x Wmm)	Items for display
1	9		Wall showcase Display	3000x400 1500x400 2000x800	1.3 Clay Utensils *(89-2,74-130,132)* 2.Weight & Measured 3.Porcelain Vase 4.Wooden Articles 5.Household Utensils (2 Showcases) 6.Article Used for Religious Purpose
2			Display		1.Wooden Pillar *(86-2-1,3)* 2.Wooden Pillar*(86-2-8,9)* 3.Chariot

3	4		Pedestal		1.Crane Model Pedestal 2.Wooden Statue/Palaquin of Shivnath Temple*(74-2,3)* 3.3 Clay Objects*(74-83,85,78)*
4	6		Table Showcase	1000x600	1.4 Arsh Ramayana *(72-216,215,2)* 2.Tarang /Pamleaf Manuscript *(77-6(1,2)* 3.11 Pooja Objects 4.5 Lamps 5.Indoor Games
5	6		Wall showcase Display	2000x800	1.Clay Objects 2.Agriculture and Other Implements 3.Dhoop Dhani 4.Lamandivo 5.Pancharti *(99-35/93-32)* 6.Diwaja 7.Musical Instruments(Ghumat,Zanz,Shehnai,Banko,Shamel,Shing,Dhokle,Taso,Korno, Zagat,Chipli ,Tal)
6	7		Wall Board/ Panels	As per display photographs, Panels	1.Procession of Bhovor with Tarang &Santrio 2.Palovsatri Ritualistic Umbrella of MalkazanCancona 3.Tarang Rituals of MalkazanCancona 4.Tambdi Surla Temple 5.Lottery Tickets 6.Lottery Draw Machine of Provedoria 7.Photo Traditional Dress of Goa Talca,Baju,Plo,Men& Women Dressed in Traditional Wear 8.Mahadev Temple Curdi 9.Photo Buried Thieves,Arrested Thieves, Crucification of Thieves at Chora Zatra 10.Photos Jagor Scene ,Worship of Dussehra Weapons,adao,Ritual at Mand by Dhangar 11.Procession Photographs 12.Photos Gauda Zagor, Dhalo,Mand,KannakhelDhalo 13.Photos harvest dance,Fugdi,DinyaJatra,PondaShigmo, Daynajatra

7	9		Pillar Showcase	600 x 600 800 x 800	1.Ink Pot*(74-158)* 2.Glass Bottle *(81-15 a,b)* 3.Bell *(81-10)* 4.Cup Saucer *(74-160 a,b)* 5.Spoon*(74-143)* 6.knife *(74-352 b)* 7.Paper Weight *(81-18,19,20)* 8.Glass Pot *(81-14 a,b)* 9.Worship Utensils*(99-34,42,44,168)*





4. Numismatic Gallery: -

The Numismatic Gallery houses a fascinating collection of coins, including ancient and modern coins from various civilizations. This gallery provides valuable insights into the economic and trade history of the region and the coins' evolution over time.

This galley consists of 4 wall showcases and 12 glass table displays.

04 Numismatics Gallery					
Sr. No:	Furniture No.	Color Code	Showcase Type	Size (L x W mm)	Items for display
1	13		Table Showcase	2000x800	1.Satavahana Coins (10 no.) 2.Silahara Coins (20 no.) 3.20 Bazarucas 2 Coins 4.300 Reis- 2 Coins 5. 1/2 Tanga - 4 Coins 6.15 Reis- 2 Coins 7.Goa Notes 8.Junta Da Fazenda Publica Notes 9.3 Portuguese Currency Moulds & Blocks 10. Portuguese Currency Notes (10 no.) 11.Princely States Coins (12 no.) 12.Middle East & South Asian Countries Coins (7no.),Asian Countries (11 no) 13.American Countries Coins (5 no.) ,African Countries Coins(7 no.) 14.European Countries Coins (25 no.)
2	5		Wall Board/Panels	As per display size	1.Gold Coins Kadamba Shivchitta, KadambaRuler,KadambaMalahrimari, Photo of Book Pages 2.Photographs of Notes From Books (8 no.) 3.Photographs of Notes Color Trial (8 no.) 4.Photographs of Notes (8 no.) 5.Photographs of Notes Escodoes (8no.)





5. Furniture Gallery: -

The Furniture Gallery is a unique exhibit that showcases traditional and antique furniture pieces, offering a glimpse into the interior decor and lifestyle of Goa through the centuries.

Live sizes furniture to be displayed within the gallery as per the space besides that 3 pillared showcases are provided along with photograph display panels and showcases.

05 Furniture Gallery					
Sr. No:	Furniture No.	Color Code	Showcase Type	Size (L x W mm)	Items for display
1			Pedestal	1000x1000	Furniture Display 1.32 Chairs 2.8 Wooden/Corner Stand 3.11 Table/Teapoy 4.4 Sofa /Sofa Chair 5.2 Chair with High Back 6. 2 Chair with Cushion 7. Stand with Glass Painting
2	1		Pillar Showcase	1200x800	1.Diu Fort
3	3		Pedestal	As per display furniture	1.Machul 2.Inquition Table 3.Governor General Table
4	1		Wall Board/Panels	As per display photographs, Panels	1.8 Photographs(Related to Goa Inquisition)





6. Printing Gallery: -

The Goa Printing Gallery at the Goa State Museum is a one-of-a-kind and instructive exhibition that takes visitors on an exciting journey through the history of printing, with a special emphasis on the region's printing tradition. This gallery contains a broad array of artifacts, papers, and equipment linked to printing and its historical significance in Goa. The Goa Printing Gallery displays Printing History, Portuguese Official Stamps, Metallic Seals, Exhibits of antique printing machines, presses, Carvings of Monograms, Government Gazette, Devanagari Scripts and Sutra, Types and Typography.

Within this gallery the furniture of printing machines to be displayed as per the space available, also it consists of table showcases and wall showcases.

06 Printing Gallery					
Sr. No:	Furniture No.	Color Code	Showcase Type	Size (L x W mm)	Items for display
1	8		Wall showcase Display	1000x600 2000x600	1.Printed History Write Up 2.Carving of Monograms/Borders 3.Marathi/Sanskrit Testament 4.Discursos/Sutra/Types/Declaracm 5.Statue of Gutten Berg 6.Carving of Monograms/Border 7.Declaration (6 no.) 8.Government Gazette of Goa (4 no.)

2	4		Table Showcase	2000x600	1.Portuguese Official Stamps 2.Portuguese Official Rubber Stamps (10 no.) 3.Metallic Seals (93-14(1-14),17-1,3) 4.Earliest Specimen of Devnagri, Printing Block
3			Printing Machines	As per Size	Printing Machine Display





7. Menezes Braganza Gallery: -

Menezes Braganza Gallery houses fascinating Oil Paintings on canvas and wooden panels. The displays are placed within wall showcases and double-sided stand showcases.

07 Menezes Braganza					
Sr. No:	Furniture No.	Color Code	Showcase Type	Size (L x W mm)	Items for display
1	17		Pedestal	600x600	1.Stone, Terracota Idols *(I-97-24,45)* 2.15 Bronze/Nickle,Brass Idols
2	6		Wall Board/Panels	As per display photographs,Panels	1.8 Oil Paintings 2.16 Paintings 3. Water Color Painting 4.Pastel on Paper 5.Graphic 6.Crayon on Paper





8. Banerji Art Gallery: -

Named after the Lt. Governor of Goa, Shri.S.K. Banerji and his wife Gauri Banerji. This gallery features a diverse range of artwork, including paintings, prints, and drawings. It presents a visual narrative of Goan life, culture, and history through the eyes of talented artists.

It has displays on 4 pillared pedestals, and the rest are displayed within the stand-up showcases. Paintings are displayed on the wall panels that run along the wall.

08 Banerji Art Gallery					
Sr. No:	Furniture No.	Color Code	Showcase Type	Size (L x W mm)	Items for display
1	11		Wall showcase Display	1000x800	1.6 Miniature painting 2.17 Terracotta Objects 3.14 Stone Objects 4.46 Bronze Objects 5.8 Budha Sculpture 6.6 Sculptures of Budha and Other Deities
2	6		Wall Board/Panels	As per display photographs, Panels	1.29 Indian miniature paintings 2.20 Contemporary Paintings 3.8 Portraiture 4.5 Paintings

3	1		Table Showcase	1000x600	1.10 Objects Terracotta
4	1		Pedestal	600x600	1.Vishnu Stone(97-17)
5	3		Pillar Showcase	800x600	1.4 Bronze 3.Praying Buddha 2





9. Christian Art Gallery: -

This gallery is dedicated to the Christian heritage of Goa, which has a significant influence on its culture. It displays religious artifacts, paintings, and sculptures, highlighting the role of Christianity in shaping Goan history.

The sculptures are displayed on pedestals and pillared cased pedestals, It also has paintings displayed on wall panels and wall showcases are used to display the artifacts.

09 Christian Arts Gallery					
Sr. No:	Furniture No.	Color Code	Showcase Type	Size (L x W mm)	Items for display
1	4		Wall showcase Display	1500x400	1.4 Wooden Statues 2.5 Wooden Head 3.11 Ivory & Wooden Statues 4.5 Saints
2	2		Pillar Showcase	400x900	1. Bronze Statue *(84-4)* 2.Official Armory *(83-1)*
3	12		Wall Board/Panels	As per display photographs, Panels	1.Cross *(80-25-1,2)* 2.Jesus with Hands Tied*(74-333,74-340)* 3.Pieta*(76-7)* 4.Last Supper *(80-25-22)* 5.Wooden Panel Passion of Jesus *(74-30)* 6.Wooden Panel Jesus Carrying the Cross *(74-334)* 7.Jesus & Rich Young Man Painting*(76-9)* 8.Antonio Cesar, Lopo Soares*(74-335,336)* 9. Oil Painting Mary With Child *(74-337,76-5)* 10. Painting*(74-17,91-396)*
4	5		Showcase Stand	1000x800	1.4 Statue 2.Saints*(80-25-4,9)* 3.Silkan Flag*(74-341)* 4.Chest Drawer *(74-32)* 5.Mmenion Jesus*(80-25-16)*
5	17		Pedestal	400x400 600x600 800x800 1000x400	1.Jesuit Saint *(74-8)* 2.Portuguese General *(74-27)* 3.Saint *(74-25)*

					4.St.Sthomas Aquinos*(74-26)* 5.Queen Dona *(07-11)* 6.Lluis De Camoes *(07-15)* 7.Alfonso De Albuqureque*(07-13)* 8.Joao de Castro*(07-14)* 9.Ignasius Loyola *(74-22)* 10.Vasco Da Gama*(07-12)* 11.2 Wooden Pillar*(74-314,315)* 12.6 Saints 13.2 Door keeper*(07-17,18)* 14.Display Statues





10. Goa's Freedom Struggle: -

The Goa State Museum houses an insightful exhibition that pays tribute to the remarkable chapter of Goan history the Freedom Struggle. The gallery dedicated to Goa's Freedom Struggle provides visitors with a poignant journey through the events, personalities, and movements that played pivotal roles in the region's quest for independence. The gallery consists of photographs of the events related to Movements and Protests, Leaders and Personalities, etc.

The entire gallery consists of photographs hence display panels are arranged such that the viewer has an ease of play and does not miss out on any of the displays within the gallery.

10 Goa's Freedom Struggle					
Sr. No:	Furniture No.	Color Code	Showcase Type	Size (L x W mm)	Items for display
1	3		Wall Board/ Panels	As per display photographs, Panels	1.Capt.Vijay Sehgal 2.MajorShivdev Singh Sidhu 3.Photo of Martyr Memorial 4.Write up of Goa's Freedom Struggle 5.Brig. Kulwant Singh

2	29		Display Panels (Both Side)	1500 x 600	Goa's Freedom Struggle Photographs 1.Dipaji Rane 2.Dada Rane & His Associates 3.Dada Rane & His Soldiers 4.T.B.Cunha 5.Dr.Ram Manohar Lohia 6.18th June Satyagraha 7.Azad Gomantak Dal Commandoes 8.Azad Gomantak Dal Commandoes Bombay Branch 9.Liberation of Nagar Haveli procession 10.Sahodaradevi with Satyagrahis at Bande Satyagraha 11.1955 Satyagraha 12.Peter Alvares and other freedom fighters 13.Leader of 1955 Satyagraha Comrade Chitale 14.Batch of Gandhian Styagrahis 15.Explosives used by underground Nationalists 16.Pencil type detonation used by Freedom Fighters 17.Consignment of arms seized by AGD Commandoes 18.Satyagraha at Goa Border 19.Satyagrahis wounded by Portuguese Bullets 20.Satyagrahis with Indian Flag 21.Foreign pressmen rescuing a Satyagrahi wounded seriously 22.The unarmed Satyagrahi march to Goa 23.Maj Gen K.P.Candeth in command of Goa Operation 24.Brig. K.S.Dhillon and Pinto discussing plan of action 25.Portuguese prisoners of war and Indian army in action 26.Indian army in action 27.Goan folk joyously gretting the jawans 28.Indian Jawans building up pantoon bridge at Borim 29.Borim Bridge dynamited by Portuguese Army

				30.Quepem bridge dynamited by Portuguese 31.Portuguese army in face of defeat 32.Cptain Abel Oliviera of Portuguese navy escorted by Indian jawans 33.After surreder a long wait by Portuguese army 34.Portuguese Governor General Vassalo e Silva in prisoner of war camp 35.Portuguese prisoner of was going back to Portugal 36.Portuguese soldiers surrendering to Indian Army 37.Goan welcoming Indian army in Goa 38.Jubilant Gaons move around in ecstasy on Liberation Day 39.Eternal moment of provilage,pride and honours 40.Instrumento De Rendico 41.Manuel Antonio Vassalo e Silva, Portuguese General who surrendered 42.Major General K.P.Kandeth in charge of operation Viraj who accepted the surrender 43. Salute to the tri color flag 44.Float display at first anniversary of Goa Liberation 45.Fr.MascarenhasBentaMenezes and others 46.Jaiprakash paying last tribute to Dr.Cunha 47.V.N.Lawande addressing Dhangar community 48.Vishwanath Lawande ,Sudhir Phadke and others 49.Dr.Ram Hegde and his wife Maria Furtado and others 50.V.N.Lwande,Dr.Antonio Furtado and others 51.Martyr Yashwant Agarwadekar 52.Martyr Kedar Anawekar 53.Martyr Raghunath P.Shirodkar 54.Martyr Rajnikant Kenkre 55.Martyr Balkrishna Bhonsule

					56.Martyr Amrut Chodankar 57.Shri.Narayan H.Naik 58.Dr.Rama Hegde 59.Anthony D'souza 60.Alfred Afonso 61.Laxmikant Bhembre 62.Roque Santana Fernandes 63.Mitra Bir 64.Bala Mapari 65.Mark Fernandes 66.Vishwanath Lawande 67.Purshottam Kakodkar 68.P.P.Shirodkar





11. Contemporary Art Gallery: -

Contemporary Art Gallery within this museum typically features artworks that reflect current artistic trends, themes, and techniques. It also includes paintings, sculptures, installations, multimedia art, and other forms of contemporary expression. This gallery not only provides a platform for local artists to display their work but also has a collection of renowned artists from around the country, fostering a connection between the museum and the vibrant art scene in the region.

This gallery has its artifacts placed on glass table showcases and pedestals along with wall showcases.

11 Contemporary Art Gallery					
Sr. No:	Furniture No.	Color Code	Showcase Type	Size (L x W mm)	Items for display
1	12		Panels	1200x400 2000x400	1.6 Water color 2.6 Lithrography 3.Oil ColorPaper,Hard 4.2 Oil Color on Canvas *(I-97-177,98-1-199,Laxman Pai)* 5.4 Oil Color on Canvas *(I-98-2-3,N.S.Bendre 2)* 6.21 Oil Color on Canvas 7.12 Etching on zinc

2	6		Pillar Showcase	600 x600 800 x800	1.Glazed Ceremic 2.Terracota 3. Marble 4.Terracota 2 5.Brass 6.Graphic Print





iii.Services & Equipment's

The vertical core has been placed centrally to provide equidistant access to the user from all points on the site. The core consists of elevators, service elevators, staircase, and fire hydrant cabinet. Reserve collection room and cold storage have been placed on the lower ground floor with additional access through a service ramp for easy movement.

iv.Fixed and Movable Furniture:

Pedestals, showcases, safes, display boards and seating arrangements for the visitors.

v.Special Provisions:

Ramps and wheelchairs have been provided to make the design disabled-friendly.

vi.Other Provisions

Will be updated according to new technology as and when required.

vii.Estimate of Costs

New Museum Building of Goa State Museum

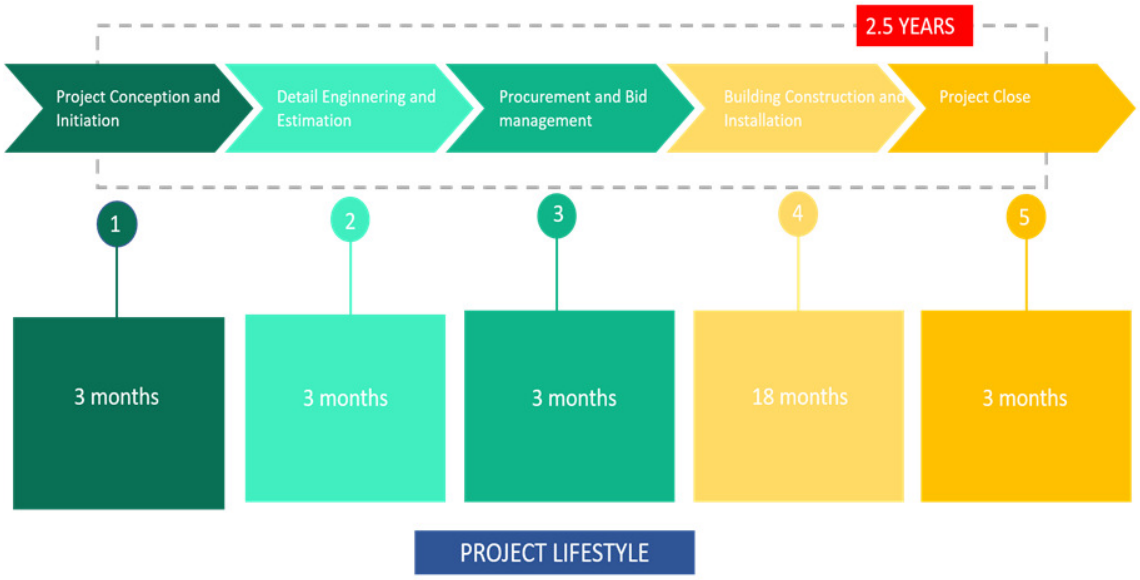
ABSTRACT SUMMARY PROJECT - New Museum Building of Goa State Museum PHASE I & II CIVIL			
Sr.No.	**Civil Work Items (A)**		**Project Cost**
1	A	I Earthworks	51,40,463.59
2	B	II Masonry Works	1,26,67,770.43
3	C	III Plain and Reinforced Concrete Works	5,69,59,349.88
4	D	IV Doors and Windows	48,39,548.47
5	E	V Steel and Aluminium Works	48,61,465.91
6	F	Vi Flooring and Floor Finishes	79,50,945.53
7	G	VII Roofing	23,85,179.62
8	H	VIII Plastering and Finishing Works	21,31,755.92
9	I	IX Water Supply, Sewerage, Plumbing and Sanitation Works	34,58,289.02
10	J	X Miscellaneous	2,39,892.22
11	K	XI Roadwork	14,39,118.10

12	L	XII Landscaping	22,88,275.38
14	M	XIII Transformer, Generator and UPS, Substation	86,77,696.45
15	N	XIV Earthing	3,95,367.00
16	O	XV Cables, Terminations	15,35,692.02
18	P	XVI Wiring	47,26,958.00
19	Q	XVII Lights and Fans	31,72,171.09
20	R	XVIII Panels	10,82,890.20
21	S	XIX Others	23,59,062.05
22	T	XX Lift Works	49,50,750.00
23	U	XXI Fire Fighting Works	31,22,676.56
		Total Estimated Amount	**13,43,85,317.00**
		Add 18% GST	2,41,89,357.06
		Add 3% Contingencies	40,31,559.51
		Add 3.5% Consultancy Fees	47,03,486.10
		Total Cost	**16,73,09,720.00**

ABSTRACT SUMMARY
PROJECT - New Museum Building of Goa State Museum
PHASE I & II MUSEUM CURATORIAL

Sr.No.	Curatorial Work Items (B)		Project Cost
1	A	Interior And Furniture Works	2,52,93,185.00
2	B	DB's and CB's	4,95,535.30
3	C	Wiring	2,61,800.00
4	D	Data / Voice / CCTV	1,75,61,884.00
5	E	HVAC	11,35,508.00
		Total Estimated Amount	**4,47,47,912.30**
		Add 18% GST	80,54,624.21
		Add 3% Contingencies	13,42,437.37
		Add 3.5% Consultancy Fees	15,66,176.93
		Total Cost	**5,57,11,151.00**
		Total Project Cost (A+B)	**22,30,20,871.00**

viii.Phasing of Execution



8. Sustenance and Growth

i. Present Scenario

Goa State Museum was set up on a small scale in 1977 at St. Inez in Panaji. The same was shifted to new premises constructed at Patto in 1996. However, due to structural problems of the building, the museum collection was shifted to Adil Shah Palace in June 2017, temporarily. The area of the premises is very small for the museum, specially for setting up of galleries thematically. Maximum collection has to be adjusted in stores. But, in order to present the glimpses of the museum to the public, a mini museum is set up with the help of a few significant objects reflecting history & culture of the state. This features four galleries viz.

i. Glimpses of Goan Culture
ii. Goan Expression through the Ages
iii. The Portuguese Phase
iv. Goa's Freedom Struggle.

Though the State Museum possesses fairly large number of collection, due to space constraint, people are deprived of viewing some important reminiscence of history. The present building being more than five hundred years old, it lacks modern set up

and amenities required for contemporary museum. Its status as heritage building restricts any alteration or addition for updation of galleries. The showcases, pedestals are old fashioned and worn out. The internal light is poor and it does not add to the beauty of exhibited objects. The storage area is filled to its capacity. There are no special rooms to arrange conferences, lectures, symposium etc. Such programmes are organized in one of the galleries.

ii.Initiatives for increase in foot falls

The Goa State Museum has been in existence for 44 years. Initially it was located in the less known part of the city and not easily accessible by the public transport to most of the locals.

To develop, publicize and increase the footfalls it was shifted to a new building constructed, particularly keeping in mind all the aspects of museum and museology. Here the footfalls were considerably higher than previous location. Every effort was made to attract larger numbers, specially school students by organizing various and specific programmes of children's interest and also lectures workshops for public in general.

The auditorium in the Museum was used for this purpose and it was also hired out to individuals & institutions to organize various programmes. This too helped museum to increase footfall and generate revenue.

Unfortunately, due to structural problems of the building, the Museum collection was shifted to present premises, but until break out of corona epidemic, the Museum had been able to attract good number of people from and outside Goa.

Increasing number of footfalls of the museum has been and continues to be State Museum's primary endeavour. Currently multiple drive is being initiated, such as:

- Construction of new building at Ella, in Old Goa in the vicinity of world heritage site will attract good number of visitors each day.
- Having building of its own, keeping with the best museology practices will greatly enhance the visitors experience and hence attract more visitors. Theirfeed back through social media and other media will generate people's interest in the

museum and museum activities which will eventually enhance the footfalls for the Museum.

- ❖ Setting up of Museum shop and cafeteria will attract the general runof visitors.
- ❖ With the additional space, marked specially for temporary exhibitionin the new building plan, the museum intends to organize special exhibitions, asregular event.
- ❖ Other Co-lateral events such as public lectures, workshops on differenttopics are also planned.
- ❖ Classical and folk music programmes which are popular in Goa are alsobeing planned.
- ❖ Internship programmes for Students from different branches ofknowledge and also training in conservation of objects is another scheme.
- ❖ Hiring out a space for exhibition and other activities to the educationaland cultural organization too will help in increase of footfall of the Museum.
- ❖ Co-ordination with Goa Tourism Development Corporation (GTDC)with a request to include the Museum in their sightseeing tours for visitors.

iii.Other Initiatives for improved Revenue Generation

In the State Museum of Goa, the entry for visitors has always been free of charges and the auditorium in the earlier premises was a main source of revenue generation, as it was hired out for organizing programmes. The present building lacks this facility.

The proposed revenue earner drive would be:

- Introduction of entrance fees except for School Students.
- Charges for use of camera.
- Make auditorium available for individuals/institutes for organizing educational and cultural programmes.
- Setting up of cafeteria.
- Setting up of Museum shop with range of items available for sale. (mainly replicas of museum objects and local art pieces)
- Also Sale of Publications, Catalogues, Postcards etc.
- Registration fees for workshops, Seminars, Symposiums and internship.

iv. Projected Scenario

Construction of new building and its modern setting will provide a unique opportunity to develop a dynamic display to achieve its goal. The proposed museum is planned to have the following galleries.

1. Natural Heritage Gallery
2. Ancient History/ Sculpture Gallery
3. Cultural Anthropology Gallery
4. Numismatic Gallery
5. Furniture Gallery
6. Printing Gallery
7. Menezes Braganza Gallery
8. Banerjee Art Gallery
9. Christian Art Gallery
10. Goa's Freedom Struggle Gallery
11. Contemporary Art Gallery

For setting up of the **Natural Heritage of Goa Gallery**, different dioramas of ecological heritage of Goa will be added. **Ancient History of Goa** a fiber glass model of rock carving site and the objects representing the various periods of history will be displayed. The museum possesses a good number of inscriptions, different types of Sculptures reflecting ancient culture and religion of Goa. To add-on to this, the next gallery, **Cultural Anthropology**, which can be depicted through the various worship items, will unfold the cultural beliefs, rituals and traditions of this land. Number of objects donated by Shri S.K. Banerjee, former Lt. Governor of Goa, is an exclusive collection of sculptures & painting from India and abroad contributed towards the Goa State Museum. The miniature paintings unfamiliar to Goa are most appealing part of this treasure. So, the **Banerjee Collection Gallery** will provide an interesting and enjoyable display for visitors. The **Furniture** pieces possessed by the museum are very imposing and attractive examples of symbiosis of Indian and Portuguese, art and culture. Items like huge chest of drawers, inquisition table, governors table, types of chairs will make the exhibition highly spectacular. The **Printing History** of not only Goa but also Asia starts with the

establishment of printing press in 1556. With the help of available old machines and photographs of early printed papers a gallery will be set up giving account of development of printing techniques. **Christian Art** in Goa will be depicted through various sculptures pre dominantly wooden and also painting, ivory pieces of Christian era prevailed in Goa. **Menezes Braganza Gallery** is another remarkable collection having major section of paintings and sculptures of European origin. The display of these objects will certainly be amazing and appealing to the public. **Numismatic Collection** acquired from various hoards by State Archaeology Department and also from individual collections covers a range of issue from Satavahana to Indo-Portuguese coins. Their systematized display will be fascinating for coin lovers. **Goa's Struggle for Freedom** is a striking part of the history of Goa, when displayed thematically with dioramas and photographs of important events will hold the attention of each and every visitor of the museum. The **Contemporary Art Gallery** will showcase the paintings of renowned national and international artists.

After finalizing the story-line for each gallery mentioned above, the related objects will be selected and sequence of the display will be decided. Stable, neat and clean pedestals, insect and rodent proof showcases, lined with soft material will be manufactured. Lighting is one of the most important considerations in relation to the display. Direct sunlight has to be avoided on paintings, drawings, photographs etc. Use of UV filtering screens will be made at the places essential to have such protection from direct light. Positioning spotlights with different lighting levels for different types of item on display will be considered. The next step will be writing the text labels and deciding the size that would have balance between space, design and related information. Having caption labels inside cases and pedestals and extended labels on walls near showcases will be the option.Goa being a place having issue of high humidity; the objects of organic material are susceptible to the environmental changes. Therefore, humidity and temperature control will be major concern from the conservation point of view, which will be looked after on priority basis. To make the galleries more visitor friendly interactive programmes (kiosk), audio Guide facilities will be developed.

9. Conclusion

Unlike the traditional concept where the museum staff was sole arbitrator of the Museum's destiny now the emphasis has shifted to anticipate and foster community participation. To make museum user-friendly a well-designed, well-equipped, spacious museum building is pre-requisite. In increasingly recognized dynamics of 'Continuing Education' the museum set up in expansive building will play a leading role for contributing to the learning process.

The vision of the Goa State Museum is to help the Goan Society to rediscover its identity. Its mission is to inculcate respect for its tangible and intangible historical and cultural heritage leading to its protection and preservation.

State Museum has certain goals viz,

a. A well designed and operationalzed State Museum on its own land.
b. Develop museum based educational programmes and formalize network with schools and colleges in Goa.
c. Acquire more objects to increase the collection.
d. Achieve economic benefits through development of cultural tourism in Goa.
e. Engaging and involving the widest possible audience in the State Museum of Goa.

Annexure III

Government of Goa
Directorate of Museums
Old Secretariat, Panaji – Goa

No. 3/66/2018/DM- 153 **Date: 06/03/2024**

UNDERTAKING

Undersigned has been authorised to certify that Directorate of Museums will bear the cost of Rs. 1430 Lakhs (Rupees One Thousands Four Hundred and Thirty Lakhs Only) which is over and above the financial assistance provided by the Ministry of Culture, from its own sources towards the project Goa State Museum. The project will be completed within the prescribed time frame as per conditions of the scheme. The source of funding for bearing the balance amount of the project cost as indicated above, are as below:

Sr. No.	Name of the Source	Amount
1	Government of Goa	1430 Lakhs
	Total	1430 Lakhs

(This is subject to non-availability of funds from Govt. of India for the IInd phase.)

1. Further the project is divided into two phases. In the Ist phase the Museum will be completed with the grant provided by Govt. of India and the corresponding matching grants through the Govt. of Goa.
2. The IIndphase shall be taken up subject to availability of funds from State and Union Govt.

Provision for matching share

Demand No. 46	(Rupees in Lakhs)
4202 - Capital outlay on education, Sports, Art & Culture	1000.00
04 - Art& Culture	
106 - Museums	
01 - Buildings (State Museum)	
53 - Major Works	

Place: Panaji
Date: 06/03/2024

(Dr. Vasu M. Usapkar)
Director of Museums/
Ex-Officio Joint Secretary

Phone No: (0832) 2434406, 2436006 **E-mail: museum@goamuseum.gov.in**

Annexure IV

Government of Goa
Directorate of Museums
Old Secretariat, Panaji – Goa

No. 3/66/2018/DM- 154 **Date: 06/03/2024**

CERTIFICATE AS PER RULE 230(1) OF GPR 2017

It is certified that **Goa State Museum, Government of Goa** has not obtained or applied for grants for the same purpose or activity from any other Ministry or Department of the Government of India or State Government.

Signature

Place: Panaji – Goa
Date: 06/ 03/2024.

Name: Dr. Vasu M. Usapkar
Designation: Director of Museums
Rubber Stamps:

Phone No: (0832) 2434406, 2436006 E-mail: museum@goamuseum.gov.in

Annexure V

Directorate of Museums
Government of Goa
Old Secretariat, Panaji – Goa

No. 3/66/2018/DM- 880 Dated: 10/11/2023

AUTHORIZATION LETTER

I, the Director, Directorate of Museums, Panaji – Goa, would like to received the sum disbursed by the Ministry of Culture, Government of India to us electronically to our Bank Account detailed below:

Payee Particulars

1. Name of Payee as in bank account: -	Financial Asst Museum Grant Scheme Goa.
2. Address:	Directorate of Museums, Adil Shah Paclace, Old Secretariat, Panaji – Goa.
3. District:	North Goa
4. Pin Code:	403001
5. State:	Goa
6. Telephone Number with STD Code:	0832-2436006/2434406.
7. Fax No:	------
8. Email Address (if any):	museum@goamuseum.gov.in

Bank Details:

1. Name of the Bank:-	HDFC Bank Ltd.
2. Bank Branch:	Minum Residency, 18th June Road, Panaji – Goa 403001.
3. Bank Account Number:	50100466528100
4. Account Type:	Savings Bank
5. Mode of Electronic Transfer available (RTGS/NIFD/Any other – All	
6. IFSC Code:	HDFC0000059
7. MICR Code:	403240002

Signature

(Dr. Vasu M. Usapkar)
Director of Museums,
Directorate of Museums,
Panaji-Goa.

Account Number has been verified by me

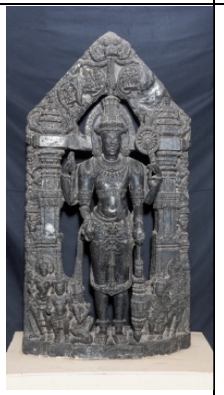
HDFC BANK LTD. PANAJI

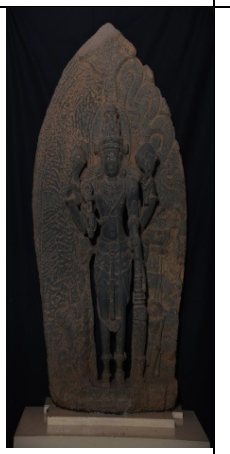
Manager
(Bank Branch maintaining the Account)

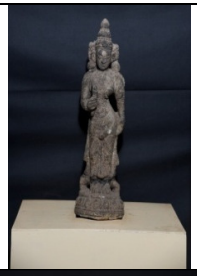
Annexure VIA

Details of the Artefacts in the prescribed format

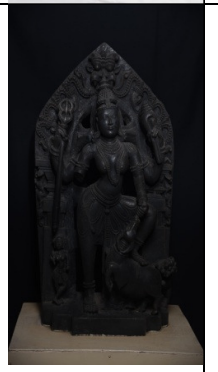
Quantitative Details and Accession List

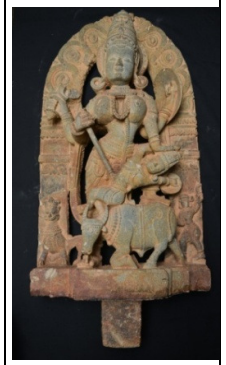
Sr. No.	Acc. No.	Object Name	Category/ Type of Object	Material of object	Object Dimension (HxL)	Period of Object	Object Description	Acquisition method	Acquisition Date	Acquisition source	Current Location of object	Photograph high Resolution(colour photograph) at least 300 DPI	Value of the Object
1	80-24	Padmanabha	Sculpture	Stone	92x39 cms	Circa 12th C.A.D.	A fully ornamented image of Vishnu in Padmanabha form is holding 'Padma' and 'Chakra' in upper right and left hands respectively; 'Shankha' and 'Gada' in proper right and left hands. The sculpture depicts the lord wearing ornaments such as 'Kanthi', 'Haar'. Bhujabhushanas', 'Keyuras', 'Valayas', 'Mudrikas', 'Udarabandha', 'Mekhala' fastened with a 'Kurtimukuta' clasp besides his usual 'Kirtamukuta', 'Makarkundalas', 'Yajnopavita' and 'Vaijayantimala'. He also wears a short dhoti with two types of 'Nupuras' and toe rings. Beautifully carved pillars adores the sculpture from the sides supported by two dwarf male figures over which are elephants surmounted by lions and warriors carrying swords and shields and wooly mammoth? on either sides. 'Dashavtaras' are depicted in miniature figures. The later three are in missing condition. The attendants at the feet are kneeling 'Garuda' in 'Anjalimudra', 'Sankhapurusha' with ' Sankha' and consorts 'Sridevi' and 'Bhudevi' (in mutilated condition) with lotus in ha	Gift	9/7/1980	Shantadurga Devsthan, Mardol	Displayed		

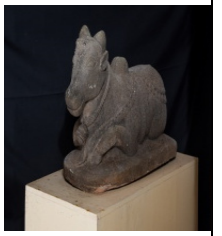
2	06-07	Vishnu	Sculpture	Compact Soap Stone	126x73 cms	Circa 14th C.A.D.	This image of Vishnu is having 4 arms and two eyes. He is adorned with 'Kirtamukuta' and holds 'Sankha' in his right upper arm 'Chakra' in his left upper hand, 'Gada' in his right and 'Padma' in his left proper hands. He is also well-ornamented and wears 'Makarakundalas', bracelets, armlets, necklace, 'Mekhala', 'Katisutra', anklets. He is also shown wearing 'Vaijayantimala' and 'Yajnopavita'. An attendant can be seen on his left side. The 'Prabhavali' is incomplete and the statue is partially mutilated.	Donation	27/9/2006	Archives &Archeology	Displayed		
3	76-66	Gajalaxmi	Sculpture	Basalt Stone	88x113 cms	17th C. A.D.	The semi-circular sculpture is divided into three panels. An image of 'Laxmi' seated in 'Padmasana' on a pedestal with elephants on either side lustrating water on her with pitchers. On the top of the elephants are two 'mahuts' each and behind them are warriors. On the top 'Kirtimukha', Sun and Moon are depicted. On the right side of the goddess is a 'Chauri, bearer. The two armed deity holds lotus buds in her hands and is heavily adorned with ornaments and crown. The second panel depicts two horsemen with weapons on either side. The last panel depicts a dance party with musical instruments. One peculiar feature which stands out are the two figures dressed in Persian attire depicted in the lowest panel.	Donation	30/12/1976	Archives &Archeology	Store		

4	85-3	Srinivasa	Sculpture	Impure Compact Soap Stone	78x32 cms	Circa 18th C.A.D.	It is a form of Vishnu standing in 'Sambhanaga' pose and has prominent feature. He wears a 'Kiritamukuta' and different types of ornaments such as necklace with chain going around the waist, 'Mekhala', 'Katisutra', 'Keyuras', 'Nupura' etc. He holds a 'Chakra' and a 'Padma' in upper right and left hands. The proper hands are shown in 'Varadamudra' and 'Katihasta'. He is shown wearing flowing garments. 'Vaijayantimala' and stands on a lotus pedestal.	Donation	10/5/1985	Venkteshwar Temple, Nanora	Displayed		
5	85 –4	Sridevi	Sculpture	Impure Compact Soap Stone	56x16 cms.	Circa 18th C.A.D.	Sridevi is the form of goddess Laxmi. This idol has prominent features and is standing on a 'Padapitha' in 'Samabhanga' pose. The image is adorned with different types of ornaments, such as 'Haar', 'Keyuras', 'Mekhala', 'Katisutra', 'Nupura' and also flowing garments. She wears a 'kiritamukuta; and holds a lotus bud in the right hand while the left hand rests in 'Lolahastamudra'.	Donation	10/5/1985	Venkteshwar Temple, Nanora	Displayed		
6	72 -1	Ganesh	Sculpture	Compact Soap Stone	47 x 29 cms	Circa 10th C. A.D.	Ganesh the elephant headed God is sitting in 'Utkutikasana' on a raised pedestal beneath which 'Mushaka' the 'Vahana' is shown. He holds a 'Parashu' in the right and a 'Padma' in left upper hands, and a 'tusk in right and a bowl of 'ladoos' in left proper hands. The trunk runs towards the left as if picking a ladoo. A serpent serves as his 'Udarbandha'. A 'Yajnopavita' is distinctly visible. The sculpture is well ornamented and is adorned with 'Karandamukuta' and a highly decorative 'Prabhavali'. The image is well preserved.	Donation	Feb 1972	Archives &Archeology	Displayed		

7	06-05	Linga	Sculpture	Compact Soap Stone	66 x 30 cms	Circa 5th C.A.D.	This rare linga is cylindrical in shape with slightly tapering to the top. This unique linga stands on a quadrangular base rather then a pedestal. The tubular form of the linga is roundish with the base carved on a rectangular stone. The 'Brahmasutra' is shown with the knot to the top.	Donation	27/9/2006	Archives &Archeology	Displayed	
8	67-1	Chaturmukhi Shiva	Sculpture	Impure Compact Soap Stone	30 x 27 cms	11th C. A.D.	This image of Shiva has four faces in four directions with individual 'Jatamukutas' which are ornamented with jewels and human skulls. 'Sarpakundalas' are shown on front and rear faces. The four faces represent the four emotions. They are: • 'Sadyogata', the central face, which is associated with 'Shristi' (creation) has calm and serene look. • 'Aghora' the one to the right with raised eyebrows and terrible look is associated with 'Samhara' (eternal destruction and renewal) • 'Vamadeva', is to the left with sweet and charming look, symbolizes 'Stithi' (maintainance). • 'Tatpurusha', at the rear symbolizes 'Triobhava' Personified river 'Ganga' is shown above these four faces. The sculpture is in mutilated form.	Donation	1967	Archives &Archeology	Displayed	

9	81-23	Kuvaleshwar	Sculpture	Talc Chlorite Schist	122x40 cms	Circa 7th C.A.D.	This standing image of 'kuvaleshwar' can be closely associated with that of 'Kartikeya', the son of Shiva and Parvati. He is depicted as having round face, elongated ear-lobes, long curls, half-closed eyes and broad-lips and has a halo. He is decked with mukuta, 'Kundalas', necklace, armlets etc. He is dressed in lower garments on which there is a 'Katisutra', with hanging chain. He was probably holding a 'Shakti' in his right hand and a 'Kukkuta' in left hand placed akimbo.	Donation	12/9/1981	Archives &Archeology	Displayed		
10	71 -1	Mahishasurmardini	Sculpture	Talc Chlorite Schist	61.5x40 cms	Circa 14th C.A.D.	The four armed image of the deity is trampling the buffalo with her right foot thrusting him with a 'Trishula' held in the proper right hand. She holds his tongue with her proper left hand. She holds a sword and a shield in her upper hands. The image is well ornamented and decorated with 'Prabhavali' without a ' Kirtimukha'.	Donation	1971	Archives &Archeology	Store		
11	93 -1	Mahishasurmardini	Sculpture	Compact Soap Stone	81 x 50 cms	Circa 14th C.A.D.	This sculpture of the four armed Mahishasurmardini is well-ornamented and decorated with a 'Prabhavali'. The goddess is stamping the buffalo-demon with her left foot holding his tongue with her proper left hand. The proper right hand is broken. She holds a 'Trishul' in upper right hand and a 'Shankha' in upper left hand. A 'Chauri' bearer is depicted by her side. The lion attacks the demon from behind.	Donation	22/2/1993	Archives &Archeology	Displayed		

12	06-06	Mahishasurmardini	Sculpture	Talcose Chlorite Schist	93 x 46 cms	Circa 12th C.A.D.	This image shows the deity killing a demon, emerging from a buffalo, with the 'Trishul' in her proper right hand and stamps him with her left foot pushing his head with her left hand. The upper right hand holds a sword which is broken and the upper left hand holds a shield. The image is fully ornamented and has a decorative 'Prabhavali'. A lion is shown standing on her right and a 'Chauri' bearer on her left. The demon is shown holding a curved sword and a shield.	Donation	27/9/2006	Archives &Archeology	Store		
13	06-04	Brahma	Sculpture	Impure Compact Soap Stone	108x48.5 cms	Circa 13th C.A.D.	This rare image of Brahma has four faces with one body, four hands and four ears. The different attributes are 'Ankush' and 'Pash' in the upper right and left hands, respectively. The proper left hand holds 'Kamandalu'. The proper right hand is in 'Abhayamudra'. The image is well-ornamented with necklaces 'Udarabandh' 'Mekhala', 'Katisutra', Keyuras' anklets. Each head is adorned with a crown. On the right side of the deity is the 'Hamsa' and on the left stands the chauri-bearer. The 'Prabhavali' is decorated with images of animals and birds. The four faces have moustache and beard.	Donation	27/9/2006	Archives &Archeology	Displayed		
14	76-48	Malhar	Sculpture	Compact Soap Stone	20 x 22 cms		Malhar is seen riding a horse. He is holding the reins in this left hand and a sword in the right hand. He has moustaches and pointed beard. A typical head-gear and a dhoti had adorned this image. Feather like design can be seen carved on the border stone. The horse is shown in galloping pose with right leg slightly raised.	Donation	15/12/1976	Archives &Archeology	Store		

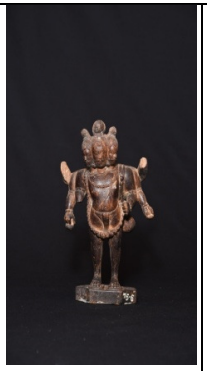
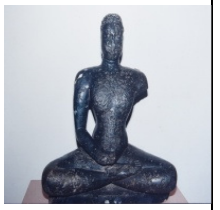
15	76 -5	Martanda Bhairava	Sculpture	Stone	82x45 cms	Circa 14th C.A.D.	The two handed and moustache Martanda Bhairava is seen in standing position, holding 'Kadga' in the right hand and lotus in the left. He is adorned with ornaments such as a high crown, necklace, kundals and so on. He is shown wearing lower garments, the folds of which are clearly seen between the legs. He is shown wearing wooden sandals. Two attendants are shown on either side. An attendant is shown holding a 'Chhatra' while the other are shown holding 'Chauries'. A horse is shown on his right side while seven horses with wheels on both sides are carved on the pedestal indicating a chariot. A well decorated 'Prabhavali' with symbols of sun and crescent moon are shown.	Donation	22/6/1976	Archives &Archeology	Displayed	
16	04-04	Nandi	Sculpture	Impure Compact Soap Stone	39 x 74 cms	Circa 18th C.A.D.	The charger of Shiva is depicted as a reclining humped bull with short horns, large eyes and small ears. He is adorned with ornaments on forehead, around the horns, a bell with a chain going around the neck, heavy belly belt etc.	Donation	18/6/2004	Mallikarjun Devsthan	Displayed	
17	76-46	Naga	Sculpture	Impure Compact Soap Stone	82 x 46 cms	Circa 10th C.A.D.	The image is 'Therio-anthromorphim' type and is kept on a rectangular pedestal. The upper part has a human appearance provided with canopies of hoods of snake. The lower part has snake coils wound in criss-cross pattern. The image has hanging earlobes and is decorated with earrings, necklace, armlets, bracelets, 'Udarbandh', 'Mekhala', 'Katisutra', The folds of the lower garments are resting on the coil. The image is also adorned with a crown and 'Yajnopavita'. The sculpture is in bad shape.	Donation	15/12/1976	Archives &Archeology	Displayed	

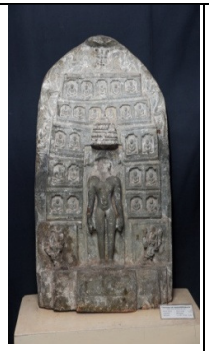
18	76-28	Yama	Sculpture	Basalt Stone	40 x 23 cms	Circa 14th C.A.D.	The image of Yama is seen standing in 'Samabhanga' pose. He has 2 hands. He is holding a sword in his right hand which is resting on his shoulder. In his left hand he is holding a 'Pash'. He has moustaches and beard and is seen wearing a dhoti. He adorns ornaments such as 'Karandamukuta', necklaces, anklets, bracelets, earrings and talisman. The eyes are wide open.	Donation	15/12/1976	Archives &Archeology	Store	
19	76-51	Yakshi	Sculpture	Talc Chlorite Schist	66 x 55 cms	Circa 14th C.A.D.	This image of a Yakshi is sitting in 'Padmasana'. The two hands are broken. She wears a crown, different types of necklacs, earrings, girdle, 'Nagavalayas', anklets. This sculpture has the commonly found elongated ear-loops, broad eyes and prominent features. The figure is weather beaten.	Donation	18/12/1976	Archives &Archeology	Store	
20	70 -1	Sati Stone	Sculpture	Soap Stone	40x39.5cms	Circa 11th C.A.D.	It is a broken part which depicts a woman standing in front of the fire in 'Anjalimudra' and seems ready to throw herself into the pyre of her husband. The her hair are let down.	Donation	11/1/1970	Archives &Archeology	Displayed	

21	02-06	Sati Stone	Sculpture	Stone	75 x49 cms	Circa 16th C.A.D.	A carving is made in a slab of stone which depicts a right hand held in 'Abhayamudra'. The hand clearly shows bangles. On the top of the slab a motif of sun and crescent moon are carved. The pillar is well decorated and lotus motif is also carved. The couple is shown below the upright arm. On the right side a man worshipping a linga is shown beneath which the bull is seated.	Donation	21/3/2002	Panaji Police Station	Displayed		
22	76-14	Sati Stone	Sculpture	Metal Basalt Stone	120x40 cms	Circa 13th C.A.D.	A pillar with a 'Shikhara' carved on top of it. The right hand adorned with bangles is emerging out from the pillar in 'Abhayamudra'. A couple beneath the 'Shivalinga' is carved in between the raised hand and pillar. A motif of lotus, the symbol of purity is prominently emphasized on the pillar. The piece is well maintained condition.	Donation	29/11/1976	Archives &Archeology	Displayed		
23	06-01	Sati Cum Hero Memorial	Sculpture	Talc Chlorite Schist	122x28 cms	Circa 14th C.A.D.	This stone has 3 panels. In the lowest panel a man in 'Anjalimudra' is standing in the middle with a woman in 'Abhayamudra' on his left. A woman probably an attendant is shown on his right. In the second panel the hero is shown committing self sacrifice. Men with musical instruments are also shown along with the hero. In the third panel a couple is shown worshipping a shivalinga. A priest stands on the right of the Shivalinga in 'Anjalimudra'. Three 'Chhatras' are also shown in the upper panel. A 'Shikhara' with the sun and crescent moon is also seen. The stone is weathered.	Gift	26/10/2006	Laxmi Gonsalvies, Majorda	Store		

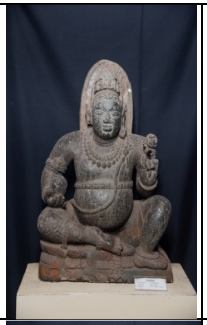
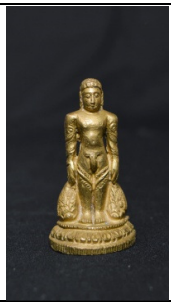
24	68 -3	Hero Memorial (Virgal)	Sculpture	Talc Chlorite Schist	90x38 cms	Circa 12th C.A.D	It is divided into three panels. The lowest panel depicts battle scene in which four persons are shown engaged in fight with swords and shields. In the second panel the hero is being greeted is heaven by 'Apsaras'. In the last panel the 'Shivalinga' is being worshipped by a couple and a priest.	Donation	1968	Archives &Archeology	Displayed		
25	76-33	Hero Memorial (Virgal)	Sculpture	Compact Chlorite Schist	91 x 48 cms	Circa 12th C.A.D.	It is a hero-memorial having 3 panels on a stone slab. The lowest panel depicts the hero being killed by a person on his right with a sword, probably a 'Bali'. A person on the left is playing a musical instrument. The middle panel depicts celebrations going on in honour of the hero. In the upper panel the hero is shown merged with the Linga and a priest is standing on the right and an attendant on the left. In the lowest panel the upper part of the hero's body is not shown.	Donation	15/12/1976	Archives &Archeology	Displayed		
26	79-10	Vishnu with Sridevi and Bhudevi	Sculpture	Bronze	9.3x9.5 cms	Circa 13th C.A.D.	This is a miniature a panel of Vishnu with his consorts Sridevi and Bhudevi. Vishnu is standing in 'Samabhanga' pose on a pedestal holding 'Shankha' in his right upper hand and a 'Chakra' in his left upper hand. The right proper hand is in 'Varadamudra' and the left proper hand is in 'Katihasta'. To his right stands Sridevi holding a lotus bud in her left hand and her right hand rests in 'Lolahastamundra'. To his left stands Bhudevi holding lotus bud in right hand and her left hand rests in 'Lolahastamundra'. The attendants Hanuman and Garuda are on the comparably lower panel on his right and left, respectively. Both are standing in 'Anjalimudra'. All the three deities are	Donation	14/11/1979	Archives &Archeology	Store		

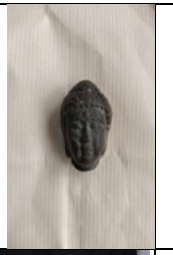
							bejeweled in 'Kiritamukuta'. necklaces, 'Katisutra', 'Mekhala', 'Udarbandh', Armlets, bracelets, etc. Hanuman wears 'Karandamukuta' while Garuda wears 'Kiritamukuta'. These images were probably used for household worship.					
27	82 -3	Vedyyas	Sculpture	Bronze	6.5x3.5 cms	Circa 18th C.A.D.	This miniature images of Vedvyas is seated on 'Kurmasana' in 'Yogasana' with a 'Yogapatta' around his knees, his right hand is in 'Vyakhyanamudra' and his left in 'Abhayamudra'. He is adorned with a distinctive headgear. 'Hara' 'Nagakundalas' 'Keyuras' and anklets. The other peculiarities are prominent features with wide open eyes, moustaches and beard.	Donation	25/2/1982	N.P. Boruska, Paiguin	Store		
28	89-20	Folk Deity	Sculpture	Bronze	17x11.5cms	Circa 18th C.A.D.	This image of a folk deity is standing on a rectangular high pedestal. The idol has four arms. She holds a sword in her right upper hand and a shield in her left upper hand. In the proper right hand she holds a cobra while her left proper hand is mutilated. She wears a 'Mukuta' with a motif of cobra and a 'Rundamala' which reaches to the knees. She is also adorned with other ornaments and a 'Prabhavali' with a 'Kirtimukha'.	Donation	13/9/1989	Archives &Archeology	Store		

29	76 -6	Bhikshatanamurti	Sculpture	Wood	21.5x14 cms.	Circa 16th C.A.D.	This unique sculpture has three faces and six hands. The hair on all the three faces is neatly dressed and tied on each head in 'Jatamandala'. individually. All the faces have moustaches and beard. The image is embellished with armlets, bracelets, ear ornaments; 'Malas' made of Rudraksha' seeds. 'Rundamala' and 'Yajnopavita' (the three threads are distinctly visible are also visible) are also seen. The image is also adorned with 'Jholi' 'Padukas' and 'Koupina. The shoulders are broad. The two right hands and one left hand are broken. The middle right hand has a 'Kamandalu' and the middle left hand, probably has a 'Kapala'. The lower left hand comes to the thighs and was probably holding a trident. The eyes are seen wide open and the 'Tripundra' mark is barely visible on the left forehead.	Donation	13/7/1976	Archives &Archeology	Store		
30	06-08	Tirthankara	Sculpture	Impure Compact Soap Stone	62 x 59 cms	Circa 15th Cent. A.D.	This image of a jain Tirthankara is broad shouldered and natural seated in mediating posture. The image is adorned with a 'Srivatsa' mark on the chest. His hair is curly and earlobes are missing. The triple folds on his neck or 'Trivali' are clearly depicted. The left arm and the base of the sculpture are mutilated, hence identification is not possible as cognizance is missing.	Donation	27/9/2006	Archives &Archeology	Store		

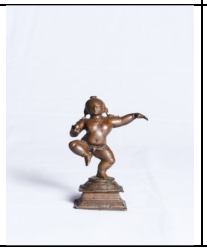
31	80-33	Chovisi of Rishabhnath	sculpture	Meta Greywacke Stone	72 x 44 cms	Circa 13th C.A.D.	The 'Mulanayaka', a sky clad Jina standing in 'Kayotsarga' posture, is recognized as Rishabhnath. He is surrounded by twenty three others 'Jinas' Rishabhnatha is identified on the basis of his uncut hair and a incised bull cognizance on the base. He is sheltered by three tiered umbrella. Standing on either side of the base are two figures who are likely to be Yaksha Gomukha and Yakshi. Chakresvari. Both are represented with four hands holding different attributes in each hand. At the apex of this sculpture is seen Kirtimukha with decorative forms emerging from its mouth. Two fly whisks are also seen on both the sides of Rishabhnatha but the figures holding them are absent. The sculpture is mutilated as well as weathered.	Donation	26/3/1980	Archives &Archeology	Displayed		
32	82 –2	Suparshvanath	sculpture	Compact Talc Chlorite Schist	11 x 12 cms	1620 A.D.	This small figure of Suparshvanatha is seated in mediating posture. A 'Srivatra' symbols is clearly visible on his chest. This statue bears an inscription and date at the back of the pedestal. The lower part of hood canopy and the 'Svastika' cognizance are the identification marks of this sculpture as the head is missing.	Donation	4/2/1982	Jainkota, Narve	Store		

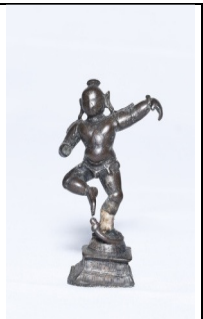
33	01-01	Parshvanath	sculpture	Compact Shale stone	6 x4 cms	14th C.A.D.	The small image of Parshvanath is shown seated in meditation atop a stepped pedestal. His hairs are arranged in close snail shell curl. He is shown with benign expression and elongated earlobes. A seven hooded serpent forms an elegant canopy above his head. It is surmounted by the triple umbrella. The throne back is incised with small columns supporting an arch decorated with petal design	Donation	20/12/2001	Archives &Archeology	Store		
34	89 -1	Chovisi Of Rishabhanath	Sculpture	Metal	22x15.5 cms		In this sculpture, the 'Mulanayaka' can be identified as Rishabhanath by his locks of hair and cognizance, the bull. He is seated in 'Padmasana' on a 'Simhasana' (supported by two lions place on a Pancharatha pedestal). Twenty three 'Tirthakaras' surround the Mulanayaka. Eighteen are placed to his either side in two rows. A top the 'Deva-dundubhi' is a 'Tritirthi' of a seated Jina flanked by two standing 'Jinas'. they are in turn flanked by Parsva and Suparsva, each sheltered by a serpent canopy. Rishabhnath is flanked by his attendant Yaksha couple, Gomukha and Chakreshvari. Gomukha is having a bull's head and the emblem of Chakrershvari is clearly not visible. The nine planetary deities are placed at the border of the 'Pancharatha' pedestal. This sculpture has an inscription on the backside.	Donation	14/6/1989	Archives &Archeology	Store		

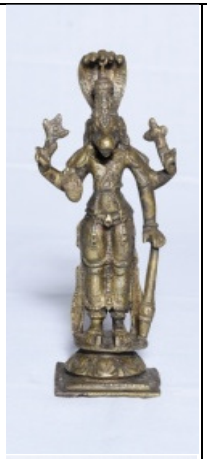
35	78-3	Kubera Yakasha	Sculpture	Compact Talc Chlorine Schist	84 x 45 cms	Circa 12th C.A.D.	Kubera Yaksha is sitting on a 'Padmapitha'. He holds a citrus (matulinga) in his right hand and a lotus in his left hand. He is adorned with a crown, earrings, necklace, chest-band, waistband, armlets, bracelets, fingerings, anklets, flowing lower garments. He is seated in 'Sukhasana'. He may be identified with Kubera Yaksha.	Donation	2/4/1978	Archives &Archeology	Displayed		
36	78 -2	Tara Yakshi	Sculpture	Compact Talc Chlorite Schist	72 x 46 cms	Circa 12th C.A.D.	Yakshi is sitting on double Lotus pedestal in 'Lalitasana' pose holding an arrow and a sword in right arms. A small image of 'Jina' Teerthankara' is carved out on her crown. She adorns different ornaments like necklace, armlets, bracelets, waistband, anklets and various others jewels. The folds of her lower garments are flowering on to the pedestal. The statue is in mutilated form and both, the left leg and the left arms are broken.	Donation	2/4/1978	Archives &Archeology	Displayed		
37	89 -4	Gomateshwar Bahubali	Sculpture	Bronze	6 x4 cms		This miniature image of Gomateshwar is seen standing on a lotus pedestal in 'Khadgasana' posture with his long arms descending to the knees. He is seen having snail shelled curls, pointed nose., thick lips, long ears and a well built body. His thighs and arms are entangled with 'Madhavi' creeper. Anthills are also seen on his either side. Gomateshwar Bahubali is recognized as the son of Rishabhnath in Jain scriptures.	Donation	14/6/1989	Archives &Archeology	Store		

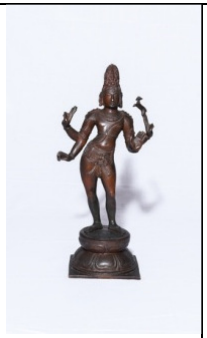
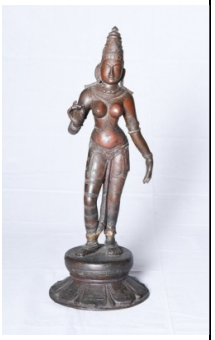
38	77-10	Buddha Head	Sculpture	Bronze	3.8x2.8 cms	Circa 14th C.A.D.	A comparatively small and rare head of Buddha is imbued with serene expressions. His hair are curly, eyes half closed and short mouth is carved with thick lips. 'Urna' between the eyebrows is clearly visible	Gift	27/9/1977	Archives &Archeology	Store	
39	76-10	Seated Buddha	Sculpture	Talc Chlorite Schist	114.5 x 132 cms	Circa 8th C.A.D.	A magnificent sculpture of headless Buddha is seen seated in 'Bhumisparsh' Mudra. He rests on a cushioned platform placed on an elaborate rectangular pedestal with rows of Lotus petals carved on three sides. It consist three niches with lion facing frontward flanked on either side by standing lions facing to the opposite direction. The head and left shoulder of the sculpture is missing.	Donation	17/11/1976	Archives &Archeology	Displayed	
40	97-17	Vishnu	Sculpture	Black Compact Schist	23 x 12 cm	4th to 5th C.A.D.	Four armed standing image of Vishnu rests his right back arm on 'Gada' and left arm on 'Chakra' placed on small base. His forearms are holding a fruit, perhaps signifying 'Jnana-amlaka' and 'Shankha'. He is adorned with round earrings, pearl necklace, simple bracelets and long 'Vaijayatimala' that encircles him from shoulders to knees. He wears dhoti tied with a sash with a bow at waist. He wears a 'Mukuta' with flat top which is partly damaged. The face of the image is slightly worn down. The image is graced with a Halo.	Gift	25/4/1997	S.K.Banerji	Store	

41	97-11	Vishnu With Shri And Pushti	Sculpture	Compact Chlorite Schist	40 x 23 cms	C.12th C.A.D.	Four armed Vishnu is standing on a double lotus pedestal with his attributes 'Padma' and 'Gada' in upper hands and 'Shankha' and 'Chakra' in lower hands. The deity is adorned with a 'Mukuta' and ear-rings, necklace, armbands, wrist bands and anklets. He wears a long 'Vanamala' and a 'Yajnopavita' across his left shoulders. His short dhoti is fastened with ornate girdle and a scarf tied at waist. Flanking him are his two armed consorts- Shri. at right and Pushti at left. Shri is holding a 'Chauri' and stalk of a bloomimg lotus where as Pushti holds a 'Vina'. Both are embellished with 'Mukuta' and ornaments in ears, neck, arms, wrists, and long flowing dhoti. On either side of these three deities are 'Markandeya' and 'Brugu' at right and left respectively. They hold their right hand at chest and left in 'Katyavalambita' pose. Only head-gear and ear-rings of these figures are clearly visible. Adoring these deities are two diminutive figures that of 'Hanuman' and 'Garuda' seated below the pedestals of Shri and Pushti respectively. 'Prabhavali' is decorated with pillars, bird motif, 'Vidhyadharas' and a 'Kirtimukha' at the top.	Gift	25/4/1997	S.K.Banerji	Store		
42	97-8	Vatapatrashayi	Sculpture	Garnet-Sillimanite Scist	19 x 14 cms		Lord Krishna is shown as a baby lying on his back on the leaf of the 'Vata' tree. He is sucking his to and represents Vishnu, witnessing 'Mahapralay' the destruction of cosmos. He wears a short undergarment and a cap peculiar to small child. The fig leaf is decorated with seven smaller leaves arranged around lying Krishna.	Gift	25/4/1997	S.K.Banerji	Store		

43	97-18	Bust of Male God	Sculpture	Basalt Stone	18 x 16 cms	12th C.A.D.	A bust of a Male God is seen holding in his right-hand a lotus in bud and in a full bloom. He is adorned with decorated 'Mukuta' heavy ear-rings and necklace. A scarf is seen tied in a knot at his chest. The sculpture is in mutilated form. A lotus attribute and a halo behind the head show a striking resemblance to Surya icon.	Gift	25/4/1997	S.K.Banerji	Store		
44	97-22	Yogini	Sculpture	Basalt Stone	23x15.5cms	11thto 13 C.A.D.	A bust of female is seen holding a 'Khatvang' in her (partly broken) left hand indicating that the figure is of Yogini. Her down cast eyes and a benign expression on her face are remarkable features. She is bedecked with ear-rings and a necklace. Her symmetrical hair style is adorned with jeweled hair-ornaments.	Gift	25/4/1997	S.K.Banerji	Store		
45	97-248	Crawling Krishna	Sculpture	Bronze	8.5x6.5 cms	19th C.A.D.	Crawling Krishna is shown with a pot of butter in his left hand. He holds pat of butter in the right hand. He is adorned with ear-rings, beaded necklace with pendent jewel, armlets, bracelets, anklets and ornately jeweled waistband. His hair is tied in a top-knot with sashes falling down at the sides. A small 'Shirshchakra' is seen behind the head.	Gift			Store		
46	97-37	Dancing Krishna	Sculpture	Bronze	10.5x6.5 cms	18th C.A.D.	The Child Krishna is seen on a square plinth lotus base with a right foot raised to form a dancing pose. He is holding a ball of butter in his right hand and his left hand is gracefully extended. His hair is tied in a top-knot. He wears a waist-band with pendent jewels and is adorned with ear-rings, necklace, shoulder ornaments, armlets, bracelets and anklets.	Gift	25/4/1997	S.K.Banerji	Store		

47	97 – 255	Krishna Subduing Kaliya Naga	Sculpture	Bronze	6.5 x 4 cms	18th C.A.D.	Two armed child Krishna is seen subduing Kaliya Naga depicted as a diminutive figure. Left hand of deity is raised, right one is broken. He is adorned with shoulder band, necklace, armbands, bracelets and anklets. Jewelled 'Mekhala' adorns his waist. His hair arranged in a topknot with sashes on either side.	Gift	25/4/1997	S.K.Banerji	Store		
48	97-43	Vaishnavi	Sculpture	Bronze	9 x 14 cms	18th C.A.D.	A remarkable shrine with a decorated flat base supports a panel with a four armed female deity – Vaishnavi (Shakti of lord Vishnu). The goddess is standing on a double lotus pedestal. She holds 'Chakra' and 'Shankha' in her upper hands where as lower hands present 'Varada' and 'Katyavalambita' mudra. She is adorned with elaborate ornaments 'Mukuta', ear-rings, necklaces, armlets, bracelets and anklets. She wears a scarf wrapped around her arms and descending at her sides. A dhoti patterned with dotted criss-crossed design that reaches below knee is secured by a waist-band. Its sashes trail down the deity sides with ends hanging almost to the feet. The goddess is flanked by ornately carved columns mounted by peacocks supporting an arched 'Prabhavali'. It is decorated with Chakra and Shankha and also floriated flame motif crowned by a 'Kirtimukha'. The flat base below is decorated with a lotus and a 'Kurma' motif at the centre surrounded by incised floral border	Gift	25/4/1997	S.K.Banerji	Store		

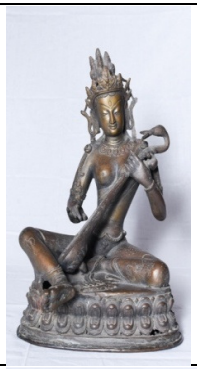
49	97-245	Kalki	Sculpture	Bronze	15x6.5 cms.		Four armed Male deity with the head of horse is shown standing on lotus pedestal. He holds 'Chakra'and 'Shankha' in right and left upper hands respectively. Right lower hand is in 'Abhayamudra' and left carries 'Gada'. The image is adorned with a crown surmounted by five hooded serpent canopy. He is embellished with beaded necklace and his arms, wrist and ankles are adorned with bracelets. He is decorously draped in a dhoti tied with girdle with beaded festoons and pendant ring and sash falling down his sides. Toes of his feet are carved like hooves of horse. Kalki, a perspective incarnation of Vishnu, is expected to emerge as a powerful hero to suppress the wicked.	Gift	25/4/1997	S.K.Banerji	Store		
50	97 - 257	Deep-Laxmi	Sculpture	Bronze	21.5x5.5 cms	Modern	A female is shown standing on a cylindrical pedestal carved like a drum, placed on a rectangular base. She holds with both hands a receptacle for oil and wick. A lower garment is with horizontal dotted bands and elaborate central pleat at the centre. A scarf is seen on her left shoulder were as the right sits a bird. She is bedecked with ear-rings, necklace with a pendant and simple bracelets. Her hair is tied in a high top-knot with a long braid falling on her back.	Gift	25/4/1997	S.K.Banerji	Store		

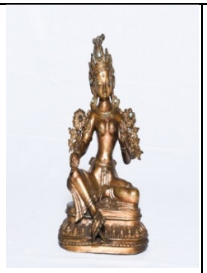
51	97 – 209	Siva	Sculpture	Bronze	33.7 x 16.5 cms	Modern	Neatly carved images of Siva stands on a double lotus pedestal, in tribhanga pose, holding antelope and probably an axe in his back arms. His fore-arms present 'Kataka' and 'Abhaya' mudra. The image is adorned with ear-rings, necklaces, 'Skandhamala' on right shoulders decorated by chain of flowers, 'Yajnopavita' Udarabandha', armlets, bracelets and anklets. He wears a heavy waist-band with a 'Kirtimukha' clasp in the centre and sashes hanging down. His hairs are arranged in high and ornamented 'Jatamukuta' with a fillet on forehead. A 'Sirsa Chakra' is shown behind his head. The expression on his face is calm and serene.	Gift	25/4/1997	S.K.Banerji	Store		
52	97 – 210	Parvati	Sculpture	Bronze	31.5 x 12 cms		A Pleasing image of Parvati stands a gracefully on double lotus pedestal in 'Tribhanga' pose. Her right hand is raised as if to hold flower and left one is hanging down. She is adorned with rings extending down to her shoulders, elaborate necklaces, 'Urahasutra, bracelets, armlets and anklets. She wears a dhoti with horizontal bands of design and clinging closely to her limbs with undulating hem down the centre. It is secured with a multi-strand girdle with circular clasp at centre and ribbons tied to fall across the thighs. She wears an ornately carved 'Karandamukuta'. A 'Sirsa-Chakra' is attached behind the head.	Gift	25/4/1997	S.K.Banerji	Store		
53	97-29	Head of Jina	Sculpture	Quartzite Stone	40 x 28 cms	11th C.A.D.	An impressive head of jina shows pronounced features, with fully open eyes, arched eye brows and long ear-lobes. Although much damaged the face appears to have bow shaped mouth and prominent nose. His hair is done in snail shell curls. Probably there must have been a Halo backing this head as indicated by an existing portion.	Gift	25/4/1997	S.K.Banerji	Store		

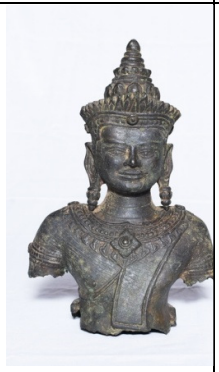
54	97-40	Panchatirthika of Shantinath	Sculpture	Metal	17 x 12.5 cms	1457 A.D.	The 'Mulanayaka' Shantinath is seated cross-legged on a 'Simhasana' supported by lions. At the centre of the base of this Sinmhasana appears his cognizance, the deer. Flanking the Simhasana, attending upon him are his Sasaanadevatas, Yaksha Garuda and Yakshi Nirvani. Either side of Shantinatha is seen standing Jinas, in Kayotsarga posture flanked by Yakshas. Above the standing Jinas are two others seated in Dhyan-mudra. A triple umbrella shattering Shantinatha as surrounded by Deva-dundubhi. The eyes and the Srivatsa symbols are inlaid with silver. The whole configuration is place on a Pancharatha pedestal with a 'Dharmachakra' with deers on either side are placed at its centre flanked by the nine planetary deities. A seated figure of monk is seen on either sides. At the base is seen a partly mutilated figure of Vidyadevi. On the reverse side is an inscription stating the date as 1516 Samvat and belonging to western India and to Shvetambara community.	Gift	25/4/1997	S.K.Banerji	Store		
55	97 -7	Seated Buddha	Sculpture	Grey Schist	39.5x30 cms	Circa 3rd C.A.D.	The Buddha is seen seated in 'Padmasana' on a rectangular pedestal decorated with geometrical design and furnished with cushion. He wears a 'Samghati' with deeply cut folds seen falling on pedestal. His hands are in 'Dhyanmudra'. Eyes are half closed. His wavy hair is pulled back rising to a domed 'Ushnisha" Urna, between the eyebrows is clearly visible. Head is backed by circular halo.	Gift	25/4/1997	S.K.Banerji	Store		

56	97-10	Mediating Buddha with Disciple	Sculpture	Grey Schist	17 x 16 cms	3rd C. A.D.	Buddha is seated on a rectangular Pedestal in ' Padmasana' beneath an over hanging tree. His hands are in the gesture of teaching. He is wrapped in drapery with deeply cut folds. His curly hair is arranged in bun shaped 'Ushnisha'. A disciple is seen standing at his right with folded hands. He is wearing a long dhoti an 'Uttariya' with deep folds falling to his right knee. A simple necklace and bracelet adorns him. His hair is tied in a top knot with a peculiar scarf tied around the head. It is probably a part of larger panel.	Gift	25/4/1997	S.K.Banerji	Store		
57	97-6	Head of Maitreya	Sculpture	Stone Grey Schist	29.5x17.5 cms	Circa 2nd – 3rd C.A.D.	Well carved head of Maitreya with his wavy hair tied in a topknot is decorated with pearl strings. His eyes are half closed. Urna between the delicately carved eye-brows is clearly seen. His moustached face presents serene expression. Nose and right ear of this figure is damaged.	Gift	25/4/1997	S.K.Banerji	Store		
58	97-42	Seated Buddha	Sculpture	Bronze	36.5x22 cms	Circa 14th C.A.D.	Buddha is seated in 'Dhyanasana' on a stepped pedestal decorated with an ornate petal motif. He makes a gesture of 'Bhumisparsha'. He wears a plain 'Samghati' only over left shoulder with an end drawn forward. His hair is arranged in tight coils, surmounted with flame like finial above 'Ushnisha' His eyes are half closed beneath arched brows and his ears are crescent shaped. The style of his hair-dress and shape of the ear are typical Sukkothai features.	Gift	25/4/1997	S.K.Banerji	Store		

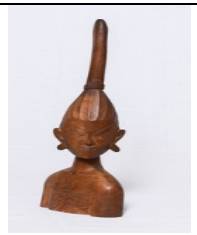
59	97-14	Buddha in Bhumisparsh Mudra	Sculpture	Bronze	22x15.5 cms	19th C.A.D.	Buddha is seated in 'Bhumisparsh' mudra on a lotus pedestal with beaded rim. He wears a 'Samghati' on a left shoulder and end of its wavy folds are drawn forward. His hair is arranged in tight coils and is surmounted by bud-shaped 'Chintamani' over domed 'Ushnisha'.	Gift	25/4/1997	S.K.Banerji	Store		
60	97-13	Standing Buddha	Sculpture	Bronze	17 x 7cms	12th C.A.D.	Lord Buddha is seen standing in 'Samapada-sthanak'. His both hands are raised symmetrically almost to shoulder level and dispose 'Vitarkamudra'. He wears a long flowing 'Samghati' covering both the shoulders and flaring to the sides. A band is seen around the waist. His hair is arranged in a conical head-dress decorated with a tiara. He is adorned with a necklace, bracelets and also anklets.	Gift	25/4/1997	S.K.Banerji	Store		
61	97-34	Vishnu and Lokesvara on Garuda	Sculpture	Bronze	42x27.5cms	Early 20th C.A.D.	A magnificent bronze sculpture displays the 'Lokesvara' a form of 'Bodhisattva' Avalokiteshwara' with 'Vishnu' on 'Garuda'. A lion is depicted standing on a stepped plinth decorated with lotus petals. Over him is Garuda. Lord Vishnu rides Garuda and on his shoulder sits Lokesvara. Lion is portrayed with upraised tail and open month and his head turned towards Garuda. Four armed Garuda holds first pair of arms in 'Anjalimudra' and second one against his feathers. Vishnu holds 'Chakra' and 'Gada' in upper hands and 'Shankha' and 'Padma' in lower hands'. Lokesvara is depicted with eight	Gift	25/4/1997	S.K.Banerji	Store		

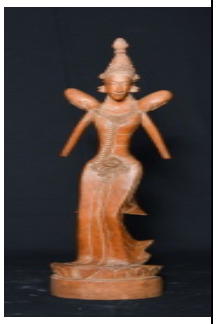
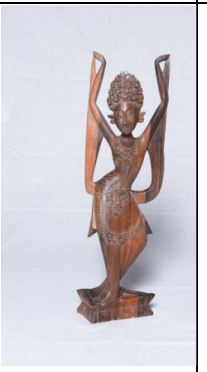
							arms. Right arms are in 'Abhaya' and 'Varada' postures and holds 'Trishula' and 'Aksamala' Left hands carry 'Kamandalu' 'Padma', Pasa' and 'Pustak'. Both Vishnu and Lokesvara wear dhoti with flowers motifs and fold at knees. Both wear a scarf over the shoulders. These two deities are adorned with a crown, ear-rings and beaded necklace. Vishnu and Garuda too is adorned with disk shaped ear-ring and beaded necklace. Vishnu and Garuda's arms are ornamented with thin and simple bracelets. Lokesvara's hair is arranged in a high chignon. These deities are surrounded by an openwork prabhavali with elaborate and twisting leaves and blooming flowers.					
62	97-198	Saraswati	Sculpture	Bronze	23 x 42 cms	2oth C.A.D.	Two armed deity in 'Sukhasana' is seated on a double lotus pedestal. She holds a 'Vina' and her hand is raised as if to play the same. She is bedecked with elaborate necklace, shoulder ornaments with suspending beaded festoons, armlets and simple bracelets. She wears a dhoti embellished with floral design. It is held at waist by a cordlike girdle with a floral pendant clasp. She wears a broad scarf across her breast. Her hair is arranged in a high multitipped chignon and is crowned by a jeweled tiara. A tilak on her forehead enhances beauty of her charming face	Gift	25/4/1997	S.K.Banerji	Store		
63	97-203	Kuber Vaisravan	Sculpture	Bronze	19x12.5 cms	19th C.A.D.	Kubera – Vaisravan, the god of wealth is seated in Lalitasana pose on a double lotus pedestal. His right hand rests on his thigh and holds a fruit in the open palm. In the left hand he is holding a 'Nakul' his right foot rests on the tipped wealth pot, issuing blooming lotus. He wears a close fitting dhoti with floral design. He is bedecked with elaborate ear-rings, armlets, bracelets and decorated sacred thread across his shoulder. He wears bejeweledmultitierd crown.	Gift	25/4/1997	S.K.Banerji	Store		

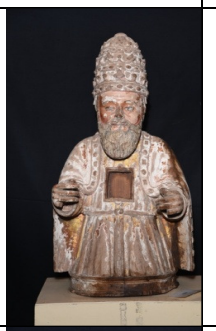
64	97 – 208	Tara	Sculpture	Bronze	18 x 12 cms	20th C.A.D.	A goddess is depicted seated in 'Lalitasana' pose on a lotus furnished by a cushion. Her pendent right foot is supported by a separate lotus. Her right hand is in 'Varada' while left is in 'Abhaya' mudra and are holding a stem of a leafy lotus rising up to both shoulders. She is wearing a long flowing dhoti with fine central pleats and folds at her ankles. It is secured by a cord like girdle with pendent. A scarf tucked in her waist band elegantly rests on her thigh. She is bedecked with a cord necklace with pendant, foliate armlets, bracelets and anklets. She wears a foliate tiara and her hair is arranged in high chignon with tresses falling down her shoulders.	Gift	25/4/1997	S.K.Banerji	Store		
65	97-65	Buddha	Sculpture	Wood	52 x 16 cms	17th-18th C.A.D.	Lord Buddha standing in 'Samapadaasthanaka' with his arms reaching down his sides. He wears a 'Samghati' flaring at sides with a band around his waist. His hair is arranged in a bun over 'Ushnisha' with flame shaped finial. His eyes are closed and elongated crescent shaped ears are touching his shoulders. Left hand and left foot are damaged.	Gift	25/4/1997	S.K.Banerji	Store		

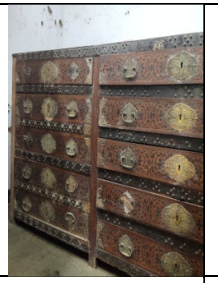
66	97-19	Standing Female	Sculpture	Basalt Stone	32.5 x 11.5 cms	12th C.A.D.	A lady leaning against a pillar is portrayed wearing a decorated lower garment secured with 'Katibhandh' and 'Mekhala'. A scarf is draped across her arms. She is adorned with disk-shaped ear-ring, a pearl string necklace with pendant and anklets. Her hair is pulled back and tied in an elaborate bun coiffure. Her right hand is broken and left one is partly damaged. A pillar is incised with geometrical design and heavily decorated capital.	Gift	25/4/1997	S.K.Banerji	Store		
67	97-25	Garland Bearer	Sculpture	Trachyte Stone	24.5x18 cms	12th-13th C.A.D.	A male figure is shown in a high relief, holding a garland in his hands. It is readily apparent from his drawn legs that he is flying. He is adorned with tiara, jeweled necklace and bracelets. His dhoti is simple and vertical pleat at the centre is clearly visible. This piece of sculpture seems to have once formed a part of larger sculpture. Hands of the figure are partly damaged.	Gift	25/4/1997	S.K.Banerji	Store		
68	97-39	Bust of a Warrior	Sculpture	Bronze	26.50x 17.5 cms	18th C.A.D.	A bust of a heavily built male with broad shoulders is very remarkable sculpture. He is adorned with multi-stranded necklace with jeweled pendant. His large ears are adorned with conical ear-rings. He wears beaded armlets and a scarf across a left shoulder. He bears an intricately incised foliate tiara and a head-dress rising to a conical shape. Arms of this figure are broken	Gift	25/4/1997	S.K.Banerji	Store		

69	97-35	Equestrian Warrior	Sculpture	Bronze	12x7.5 cms	19th C.A.D.	A male warrior is seen mounted over a horse holding a sword (now broken) in right hand and reins of the horse in the left hand. He wears a long angarkha and a dhoti elegantly incised with a dotted criss-cross and line design. A simple scarf is tied around his waist. A sash is also seen on his left shoulder. He wears a turban peculiar to Rajasthan. His close fitting footwear are pointed and hooked at the toe. The horse is in galloping pose with raised front feet and supported by hood of the snake. It is adorned with decorated reins, beaded neck ornament, sadle and anklets in back feet. A cloth with rich brocade is also seen on his back.	Gift	25/4/1997	S.K.Banerji	Store		
70	97-38	Equestrian Warrior	Sculpture	Bronze	17.5 x 15.5 cms	18th C.A.D.	It is a magnificent sculpture of a male warrior mounted over a horse. He is seen holding a spear (now missing) in his right hand and a small dagger as well as reins of horse in left hand. He is adorned with heavy earrings, necklaces with pendant, 'Udarbandh' bracelets and armlets. His decorated belt tied around the waist holds a sword with scabbard on right side and sheath for a dagger on left. He wears a dhoti decorated with line design incised with various motifs. A wind swept scarf is draped around his arms. He is shown with moustache. His head is adorned with a graceful turban and the 'Nama' is seen on	Gift	25/4/1997	S.K.Banerji	Store		

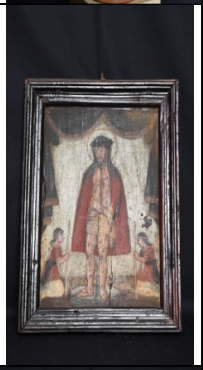
							his forehead. He wears a close fitting footwear and his feet rests on a stirrup. The horse is bedecked with the ornaments with a plume on forehead, beaded and jeweled necklaces, and a cloth with rich brocade on his back and also usual belly and back belts. A quiver for arrows and bow also is fixed to his back belt. The horse is in galloping pose and his raised front feet rests on shoulders of a kneeling warrior who holds a sword and a shield in his right and left hand respectively. He wears a turban, a short dhoti coming up to his knees and a decorated waistband with a long sash. He is also adorned with earrings, necklaces, armbands, bracelets and anklets.					
71	97-215	Belle	Sculpture	Wood	33 x 9 cms	1946 A.D.	A burst of female figure is carved with sharp facial features with long aquiline nose, fish eyes, slanted arched brows and pointed chin. Her ears are adorned with foliate ear-rings. Arms are carved in low relief. A typical upper garment adorns her. Her hair pulled up to form an upright coiffure (a style peculiar to Balinese) fastened with decorative hair ornament.	Gift	25/4/1997	S.K.Banerji	Store		

72	97 – 216	Heavenly Figure	Sculpture	Wood	66x10.5 cms	1993 A.D.	A tall Female figure is standing on a pedestal carved with lotus petal and placed on plain base, both in semi-circular shape. She is adorned with a long garment, clinging closely to her body and flaring towards the hem. It is secured with a waist band with a heavy foliate clasp and sashes falling down to sides. Centre pleats of her attire are falling to a point on a pedestal. Her garment is embellished with foliate pendant. It is extended down to the clasp of the waist-band. Her slender hands are bent at elbows and are raised to the shoulders to hold the fruits (?) flanking her head. Her long face is carved with down cast eyes, delicately arched brows, aquiline nose, full lips and pointed chin. Her elaborate coiffure is arranged partly in a high and upright chignon fastened with a small clip. Rest hair extends down to her hips and is surmounted by multi-foiled leaf-decoration. her ears adorned with disk shaped rings are partly covered with curls of hair.	Gift	25/4/1997	S.K.Banerji	Store		
73	97-217	Celestial Figure	Sculpture	Wood	31.5x9 cms	1993 A.D.	A finely carved Celestial Female Figure in a dancing pose is standing on a triangular pedestal with lotus design. Her arms are raised above her head holding tips of her scarf. She is adorned with long sleeveless attire clinging closely to her body and falling on her feet. It is embellished with floret clasp at the chest and foliate festoon reaching down and attached to a decorated band at waist with suspending correspondingly patterned festoons and sashes at either side. She wears a necklace with foliate design. Her charming face with arched brows, down cast eyes, aquiline nose pointed chin is flanked by disk shaped ear-rings. Her hair is arranged in a small bun at the back of head with strands falling down. She is adorned with flowers as if fresh to form a conical tiara.	Gift	25/4/1997	S.K.Banerji	Store		

74	74-18	Statue of Pope	Sculpture	Wood	80x36 cms	Portuguese Period	Pope is the Bishop of Rome based in the Vatican city and head of the Roman Catholic Church. A wooden statue of Pope belong to 18th century A.D. is well carved with dress quotes.	Transferred	25/09/1974	Transfer from Central Library	Displayed	
75	74-21	Saint Catherine	Sculpture	Wood	120x46 cms	18th Cen. A.D.	A beautiful wooden sculpture of Saint Catherine painted with sky blue colour with well dressedquotes.In this sculpture saint Catherine holding folded book in her left hand with standing position, she raised head upward .	Transferred	25/09/1974	Transfer from Central Library	Displayed	
76	74-22	Saint Ignatius Loyala	Sculpture	Wood	163x55 cms	Colonial Period	Ignatius of Loyala venerated as Saint Ignatius of Loyala was a Spanish Basque Catholic priest and theologian, who together with Peter Faber and Francis Xavier founded the religious order called the society of Jesus and became its first superior General at Paris in 1541. Wooden sculpture of Ignatius of Loyala is well painted , holding right hand of book on constitution ofsociety of Jesus.	Transferred	25/09/1974	Transfer from Central Library	Displayed i	

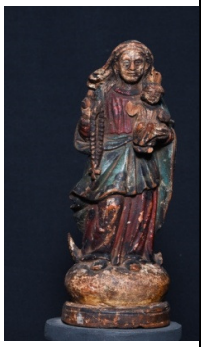
77	74-32	Wooden Locker with three drawers	Furniture	Wood			Transferred	25/09/1974	Transfer from Central Library	Displayed		
78	74-34	Chair with cotton Cushion	Furniture	Wood	151x67 cms	19th Cent. A.D.	The chair with cotton cushion is looks like official chair in Portuguese administration since it contains Portuguese official emblem Transferred	25/09/1974	Transfer from Central Library	Displayed		
79	74-139	Head of Franciscan Saint	Sculpture	Wood	34x20cms	18th Cent. A.D.	The head of Franciscan Saint is well painted, with unique hair style and attractive eyes are depicted. Transferred	25/09/1974	Transfer from Central Library	Displayed		

80	74-141	Head of Jesus	Sculpture	Wood	37x21 cms	18th Cent. A.D.	Wooden head of the Jesus is well decorated and painted. the carving of hair style look appealing.	Transferred	1974	Transfer from Central Library	Displayed	
81	74-142	Head of Fran. Franciscan Saint	Sculpture	Wood	17x11 cms	18th Cent. A.D.	The Head of Franciscan Saint is well painted, with unique hair style and attractive eyes and sharp nose seen in his image.	Transferred	25/09/1974	Transfer from Central Library	Displayed	

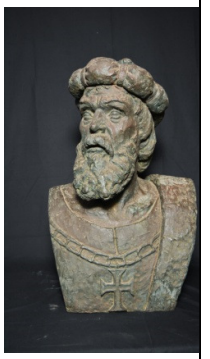
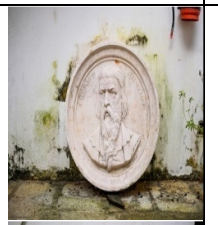
82	74-315	Wooden Pillar	Furniture	Wood	158x23cms	18th cent. A.D.	This wooden Pillar are found in Goan churches, well carved wooden pillar having vines draping around it. This pillars were used in churches to keep candles to light the place.	Transferred	25/09/1974	Transfer from Central Library	Displayed		
83	74 - 333	Painting on Wooden Panel	Painting	Wood	39x30 cms	18th cent. A.D.	The wooden painting shows the trial before Pilate during the passion of Christ.	Transferred	25/09/1974	Transfer from Central Library	Displayed		
84	74-337	Painting on brass plate Jesus Christ with mother	Painting	Metal	36x30 cms		The painting have done on brass plate, which depicting mother marry holding infant Jesus in her lap.	Transferred	25/09/1974	Transfer from Central Library	Displayed		

85	74-340	Painting on Wooden panel- Jesus Christ	Painting	Wood	36x30 cms	18th cent. A.D.	The wooden painting also known as Flamish Painting art painting. This painting shows that the trial before Pilate during the Passion of Christ.	Transferred	25/09/1974	Transfer from Central Library	Displayed	
86	74-341	Christ Ivory image	Sculpture	Ivory	30x14cms	19th Cent. A.D.	The Ivory image of Jesus Christ showing infant stage.	Transferred	25/09/1974	Transfer from Central Library	Displayed	
87	76-7	Pieta	Sculpture	Wood	44.x35 cms	1600 to 1700 AD.	The wooden image of Pieta is a good piece of art. The lady is seen sitting position holding Jesus who is wounded on her lap. Jesus is seen fallen on her lap and unconscious. The lady seem to be taking care of him. This piece have been nice carved with the expression beautifully shown on their face.	Gift	1976	Gifted by Shri. Max Sequeira, Colvale Bardez.	Displayed	

88	80-25-10	Statue of Our lady of Piety with Jesus.	Sculpture	Ivory	22x16 cms	18th Cent. AD.	Our lady Piety is seen sitting position holding Jesus. Who is wounded on her lap, with unconscious condition. our lady seems to be taking care of him.	Transferred	31st July 1980	Transfer from the Chapel of Recolhemento de serra, Altinho Goa.	Displayed		
89	80-25-11	Statue of Our Lady of Remedies (Mother 0f God)	Sculpture	Wood	121x54 cms	18th Cent. A.D.	The statue of Mother of God found in sitting position, here mother marry sitting on chair and she hold Infant Jesus with left hand who is shown in standing position on left leg of Mother marry.	Transferred	31st July 1980	Transfer from the Chapel of Recolheme-nto de serra, Altinho Goa.	Displayed		
90	80-25-12	Statue of our lady of Anne with Mary	Sculpture	Ivory	21x15 cms	18th Cent. A.D.	The statue of our lady of Anne found in sitting position and mary is standing left side of our lady of Anne.	Transferred	31st July 1974	Transfer from the Chapel of Recolheme-nto de serra, Altinho Goa.	Displayed		

91	80-25-13	Our Lady of Conception	Sculpture	Wood	16x8 cms	19th Cent. A.D.	The statue of our lady of conception is found in standing position with both the hands shown in 'Naman' position this looks like influence of Hindu religion.	Transferred	31st July 1980	Transfer from the Chapel of Recolheme-nto de serra, Altinho Goa.	Displayed		
92	80-25-14	Our Lady of Rosary	Sculpture	Wood/ Ivory	20x8 cms	18th Cent. A.D.	Our Lady of Rosary also known as our lady of the holy Rosary. The standing statue of our lady of Rosary holding Infant Jssus in her left hand close to her chest and Right hand she is holding chain with holy cross.	Transferred	31st July 1980	Transfer from the Chapel of Recolheme-nto de serra, Altinho Goa.	Displayed		

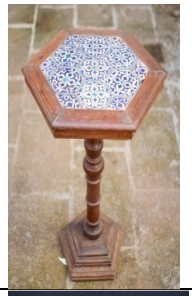
93	80-25-16	Menino Jesus	Sculpture	Wood	61x23 cms	19th Cent. A.D.	The Statue of Menino Jesus found in standing position wearing nice dress. He hold ball in his left hand.	Transferred	31st July 1980	Transfer from the Chapel of Recolheme-nto de serra, Altinho Goa.	Displayed	
94	80-25-23	Saint Francis Xavier	Sculpture	Ivory	25x12 cms	18th Cent. A.D.	Statue of Saint Francis Xavier is found in standing pose, wearing colourful dress.	Transferred	31st July 1980	Transfer from the Chapel of Recolheme-nto de serra, Altinho Goa.	Displayed	
95	08-2	Wooden Coffer	Furniture	Wood	80x94x65 cms	19th Cent. A.D.	A wooden Coffer with intricately carved with three metal locks and strips and two handles to hold it.	Transferred	28/08/2008	Transferred from Govt. Printing Press ? (Directorate of Accounts)	Displayed	

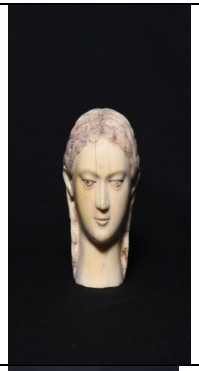
96	07-12	Vasco-da-Gama	Sculpture	Marble Stone	74x47 cms	18th Cent. A.D.	Vasco da Gama was a Portuguese explorer and the first European to reach India, his discovery of the sea route to India opened the way for an age of global imperialism and enabled the Portuguese to establish a long lasting colonial empire in Asia. A marble bust of Vasco da –Gama, is well carved and attractive sculpture of colonial period.		2007		Store	
97	07-13	Alfonso De Albuquereque	Sculpture	Marble Stone	80x80 cms	19th Cent. A.D.	Coin type Marble sculpture of first Portuguese Governor General of Goa.	Donation	2007	Donated by Secretariat	Displayed	
98	07-14	Joao De Castro	Sculpture	Marble Stone	80x80 cms	19th Cent. A.D.	The coin typed of Marble statue of Portuguese Governor Generals Joao de Castro.	Donation	2007	Donated by Secretariat	Displayed	
99	07-15	Luiz de Camoes	Sculpture	Marble Stone	80x80 cms	19th Cent. A.D.	The coin typed marble sculpture of Portuguese Governor Generals Luiz de Camoes.	Donation	2007	Donated by Secretariat	Displayed	

100	07-5 a	Ivory Carving Teapoy	Furniture	Wood & Ivory	48x89cms	19th Cent. A.D.	The Sofa set cum Tea-poy is so beautiful that it has well intricate design of Ivory.	Donation	2007	Donated by Secretariat	Displayed	
	07-05 b	Ivory Carving Chair	Furniture	Wood & Ivory	82x60cms	19th Cent. A.D.	The Sofa set cum chair is so beautiful that it has well intricate design of Ivory	Donation	2007	Donated by Secretariat	Displayed	
	07-05 c	Ivory Carving Chair	Furniture	Wood & Ivory	82x60cms	19th Cent. A.D.	The Sofa set cum chair is so beautiful that it has well intricate design of Ivory.	Donation	2007	Donated by Secretariat	Displayed	
101	14-07	Water Jar	Utensils	Metal	34x26 cm	19th Cent. A.D.	This water jar is used during colonial period, which has decorative design on it.	Donation	08/09/2024	Donated by Institute of Public Assistance Provedoria Mala Panaji.	Displayed	

102	14-43	Monstrance	Religious object	Metal	38x17 cms	19th Cent. A.D.	A Monstrance is also known as an ostensorium is the sacred vessel used in churches for the exhibition of the consecrated Eucharistic host during Eucharistic adoration or Besedication of the Blessed Sacrament. It is also used as reliquary for the public display of relics of some saints.	Donation	08/09/2014	Donated by Institute of Public Assistance Provedoria Mala Panaji.	Displayed		
103	07-10	Francisco De Almeida	Sculpture	Marble Stone	80x80 cms	18th Cent. A.D.	Coin type of statue of Francisco De Almeida is beautifully carved on marble stone.	Donation	2007	Donated by Secretariat	Displayed		

104	97-315	Printing Machine	Machine	Iron	173x64 cms	19th Cent. A.D.	This Type of machine is known as Relief Printing press machine, this machine consist of various parts such as spiral spring, crown piston, staple, printing block, pressure handle.	Donation	2006	Govt. Printing press , Panaji - Goa	Displayed	
105	81-2	Statue of Saint Jose	Sculpture	Ivory	17 x 6 cms	19th Cent. A.D.	Ivory saint statue found in standing position, artistically well dressed and well carved of entire image.	Transferred	22/07/1981	Transferred from Industry and Labour Dept.Secretariat Goa	Displayed	
106	81-3	Male Head with moustaches and beard	Sculpture	Ivory	11x7 cms	19th Cent. A.D.	Ivory statue of male head having moustaches and beard. This Ivory statue looks like Franciscan Saint.	Transferred	22/07/1981	Transferred from Industry and Labour Dept.Secretariat Goa	Displayed	

107	74-98	Table	Furniture	Wood	87x64 cms	19th Cent. A.D.	Wooden table standing on one leg having hexagonal shape at top. The top portion consist of Azulejo tiles painted in blue colours. This is one of the most representative art forms of the Portuguese culture.	Transferred	25/09/1974	Transferrred from central Library	Displayed		
108	84-3	Wooden Chair of Misericordia de Goa	Furniture	Wood	139x 60 cms	18th Cent. A.D.	Portuguese Misericordia was an institution organized by the Portuguese nobility in the 15th century and it has become a unique institution of the Portuguese. Literally Misercordia means mercy or charity. This wooden chair was used in this charitable institution of the Portuguese in Goa .This Chair has Portuguese official symbol which are carved on it.	Donation	26/04/1984		Displayed		
109	81-1	Statue of Nossa Senhora	Sculpture	Ivory	11x7 cms	19th Cent. A.D.	Ivory statue of saint Nossa Senhora is well carved, the statue is in standing position with folded hands.	Transferred	22/07/1981	Transferred from Industry and Labour Dept.Secretariat Goa	Displayed		

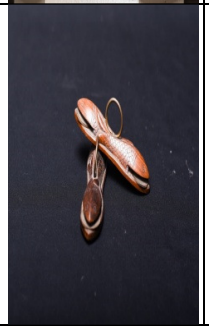
110	81-4	Female Head	Sculpture	Ivory	11x7 cms	19th Cent. A.D.	Ivory statue of Female head is well carved	Transferred	22/07/1981	Transferred from Industry and Labour Dept.Secretariat Goa	Displayed	
111	88-3	Chair	Furniture	Wood	126x60 cms	19th Cent. A.D.	Official Wooden chair having Portuguese official symbol	Transferred	12/08/1988	Transferred from the Govt. Higher secondary school Panaji –Goa, It was received from the principal of Dr.T.B.Cunha	Displayed	
112	86-4-1	Wooden Pillar	Temple Pillars	Wood	176x220 cms	A.D 1800	Hexadecagonal wooden pillar used in temples. The pillar is engraved with motifs depicting Goan ecology and different Gods from the Puranas.The pillar is divided into three parts, that is, the capital, the shaft and the base. The capital is made from one piece of wood , while the shaft and the base is made from one log of wood.	Purchased	Feb-86	Shri Dev Vithal Panchayatana Sounsthan Committee, Sankhali-Goa	Displayed	

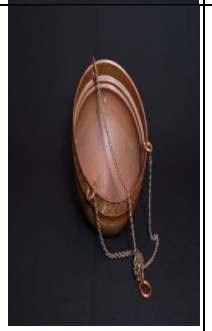
113	86-4-2	Wooden Pillar	Temple Pillars	Wood	176x220 cms	A.D 1800	Hexadecagonal wooden pillar used in temples. The pillar is engraved with motifs depecting Goan ecology and different Gods from the Puranas.The pillar is divided into three parts, that is, the capital, the shaft and the base. The capital is made from one piece of wood, while the shaft and the base is made from one log of wood.	Purchased	Feb-86	Shri Dev Vithal Panchayatana Sounsthan Committee, Sankhali-Goa	Displayed	
114	86-4-3	Wooden Pillar	Temple Pillars	Wood	176x220 cms	A.D 1800	Hexadecagonal wooden pillar used in temples. The pillar is engraved with motifs depecting Goan ecology and different Gods from the Puranas.The pillar is divided into three parts, that is, the capital, the shaft and the base. The capital is made from one piece of wood, while the shaft and the base is made from one log of wood.	Purchased	Feb-86	Shri Dev Vithal Panchayatana Sounsthan Committee, Sankhali-Goa	Displayed	

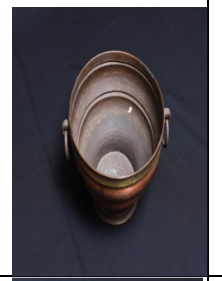
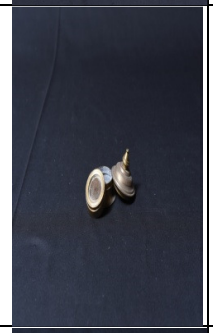
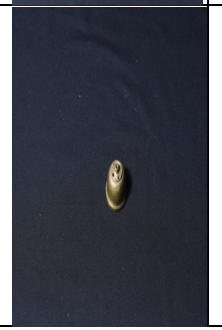
115	86-4-4	Wooden Pillar	Temple Pillars	Wood	176x220 cms	A.D 1800	Hexadecagonal wooden pillar used in temples. The pillar is engraved with motifs depecting Goan ecology and different Gods from the Puranas.The pillar is divided into three parts, that is, the capital, the shaft and the base. The capital is made from one piece of wood, while the shaft and the base is made from one log of wood.	Purchased	Feb-86	Shri Dev Vithal Panchayatana Sounsthan Committee, Sankhali-Goa	Displayed	
116	74-182(AB)	Kasale	Musical Instrument	Bronze	22x8 cms	Modern	Big gongs made of Bronze are known as *Kasale*. They are thick, flat, big cymbals held with the help of wooden beads attached to it with the help of nuts and bolts.	Transfer	9/25/1974	Central Library	Displayed	
117	74-311	Banko	Musical Instrument	Brass	39x12 cms	Modern	Curved pipe musucal instrument with harsh and loud sound.	Transfer	9/25/1974	Central Library	Displayed	

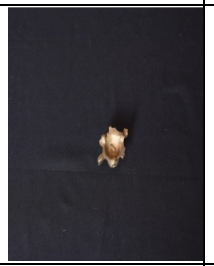
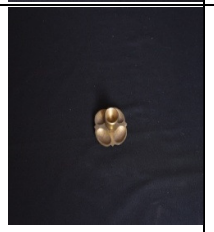
118	74-313	Karno	Musical Instrument	Brass	152x33 cms	Modern	It is a long brass trumpet with a funnel like wide opening and integrated month piece at narrow end	Transfer		Central Library	Displayed	
119	74-186	Zhagat	Musical Instrument	Kashem and brass	24x24 cms	Modern	A thick flat disc made of alloy *Kashem* and brass. A cotton thread is passed through the holes made at the edge to hang it. The disk is thicker and the base and thins out towards the edges. A wooden stick is used to play it.	Transfer	9/25/1974	Central Library	Displayed	
120	74-310	Shahnai	Musical Instrument	Wood and Brass	34x9 cms	Modern	It is known as shahnai, shenai or shanai in Konkani. It is a double -reeded musical instrument of the aeroplane category. A black wooden tube is attached to a brass metal flared bell. The tube has eight holes with in a line and two holes on sides of the first hole.	Transfer	9/25/1974	Central Library	Displayed	

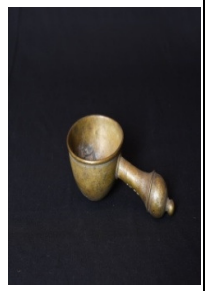
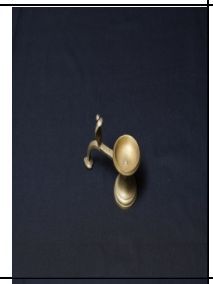
121	77-7	Shing	Musical Instrument	Brass	63x74 cms	Modern	It is a curved brass trumpet put together with five pieces which are narrow to start and broden-up towards the end to a large funnel shape.	Purchased	9/23/1977	Shri Rajaninath Shirodkar, Shiroda-Goa	Displayed		
122	74-2	Hindu Man	Cultural Anthropology	Wooden	170x50 cms	Modern	Wooden statue traditionally dressed Hindu Man with 'dhotar' , Kurta and *'upame*' . He adornes the typical Goan headgear called *'Rumal*' in white colour.	Transfer	9/25/1974	Central Library	Displayed		
123	74-3	Hindu woman	Cultural Anthropology	Wooden	157x48 cms	Modern	Wooden statue of the woman is wearing nine-yard saree called as *'Kapad*' with the pallu draped on the right shoulder. She is adorned with all the ornaments that symbolise the married woman and also wears a garland of flowers in her hair.	Transfer	9/25/1974	Central Library	Displayed		

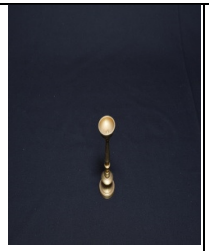
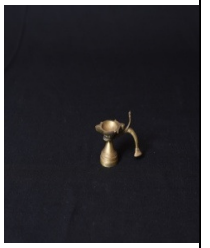
124	74-83	Tulsi-Vrindavan	Religious Expressions	Terracotta	29x22 cms	Modern	Terracotta vase used for planting the holy basil . It has sculptures of Ganesh, Garuda vishnu and Maruti on four sides flanked by elephants on each corner. The deities are placed in small niches facing four directions with Shikhara. The mouth of the vase is in the form of eight petals of lotus and is known as 'Khur' locally.	Transfer	9/25/1974	Central Library	Displayed		
125	74-85	Tulsi-Vrindavan	Religious Expressions	Terracotta	56x44 cms	Modern	It is a terracotta vase for planting holy basil. It is in the form of hexagon. The most striking feature of the vase is that it has a prominent sculpture of Vishnu sitting on sheshasna with the canopy of five heads of shesha and lions as armrest. Shridevi and Bhudevi find a place on the right and left side respectively besides Vishnu . The vase is intricately carved on each sides with motifs of local flora.	Transfer	9/25/1974	Central Library	Displayed		
126	74-332(A,B)	Chipli	Musical Instrument	Wood & Brass	13x4 cms	Modern	It is a devotional musical instrument made of two wooden block which has slits on both its ends in which small brass disks are inserted with the help of crossbars. Each one is provided with a ring which are inserted in the thumb and middle finger of the player. This chipli has motifs of fishes facing opposite directions and in the mouth of the fishes are held the disks	Transfer	9/25/1974	Central Library	Displayed		

127	74-183	Tal	Musical Instrument	Brass	2 x 6 cms	Modern	Thick, Cone - shaped, small gongs stringed together with a cloth rope are known as tal. They play a major role in the religious festivities of the Hindus in Goa.	Transfer	9/25/1974	Central Library	Displayed	
128	99-11	Samaee	Religious	Brass	42x16 cms	Modern	A seven - wick traditional brass lamp with a tall and thick base is known as samaee. It is traditionally used in Goan houses and temples as a lighting medium	Transfer	4/8/1999	Design and Development Centre, Dte.of Industries & Mines, panaji Goa	Displayed	
129	99-44	Abhishek Patra	Religious	Copper	55 x 24 cms	Modern	Copper pot hung above Shiva Linga for the ritualistic bath known as abhishek . It is strung with three chains used for hanging the patra.	Transfer	4/8/1999	Design and Development Centre Dte. Of Mines and Industries, Panaji Goa	Displayed	

130	99-4	Ghangal	Religious/Cultural	copper	16x21 cms	Modern	A copper urn shaped bucket with a circular neck rounded body and a footed pedestal used in ritualistic bathing and carrying flowers to the deities.	Transfer	4/8/1999	Design &Development, Dte. Of Mines & Industries, Panaji Goa.	Displayed	
131	99-25	Kumkum-box	Religious/Cultural	Brass	7x5 cms	Modern	A typical kumkum box for storing vermillion. This type of box is specially used by married women.	Transfer	4/8/1999	Design &Development, Dte. Of Mines & Industries, Panaji Goa.		
132	74-179	Agarbatti stand	Religious	Brass	3x3 cms	Modern	A round spherical stand flared at the bottom with five holes for placing the incense sticks.	Transfer	9/25/1974	Central Library		

133	74-187	Decorative Plate	Religious	Brass	3x28.5 cms	Modern	A circular plate of brass having floral motifs.This types of plates are known as Tapkadi locally and are used during Pujas.	Transfer	9/25/1974	Central Library	Displayed	
134	74-178	Agarbatti stand	Religious	Brass	3x3 cms	Modern	A round spherical stand flared at the bottom with five holes for placing the incense sticks.	Transfer	9/25/1974	Central Library	Displayed	
135	74-174	Conch stand	Religious	Brass	3x6 cms	Modern	A round stand with three uprised segments and a small handle for mounting the conch during the puja of Vishnu.	Transfer	9/25/1974	Central Library	Displayed	
136	74-177	Plate for sandal paste	Religious	brass	3x6 cms	Modern	A plate having four sections and a cup in the centre for keeping sndalwood paste used during puja of Vishnu	Transfer	9/25/1974	Central Library	Displayed	

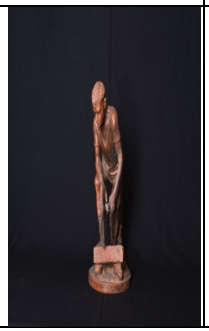
137	99-5-	Dhoop Dhani	Religious	Brass	7x12 cms	Modern	A bowl with handle for burning frankincense	Transfer 4/8/1999	Design& Development Centre, Dte of Industries &Mines,Panaj i	Displayed	
138	74-170	Dhuparti i	Religious	Brass	6x14 cms	Modern	A circular lamp for burning frankincense. The handle has a snake motif.	Transfer 9/25/1974	Central Library	Displayed	
139	74-169	Pancharati	Religious	Brass	10x16 cms	Modern	Five wick lamp with handle used for arati.It is circular with a small tower like motif in the centre.	Transfer 9/25/1974	Central Library	Displayed	

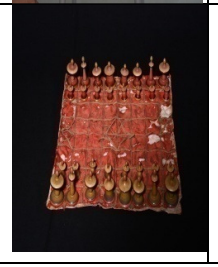
140	74-162	Niranjan	Religious	Brass	11.5x4 cms	Modern	A lamp without handle. It is like a small samai	Transfer	9/25/1974	Central Library	Displayed		
141	93-34	Dhuparti	Religious	Brass	7x9 cms	Modern	A round lamp used for burning frankincense .It has a decorative handle and rim.	Donation	9/27/1993	Smt. Pedrinha Fernandes	Displayed		
142	74-171	Ekarati	Religious	Brass	4x8.5 cms	Modern	A small one wick lamp with handle . The handle has a snake motif	Transfer	9/25/1974	Central Library	Displayed		
143	99-23	Kaipanchi	Religious	Brass	6x22 cms	Modern	A lamp with a small container for oil and one wick. It has a handle. It was used to light all the oil lamps in the temples and houses.	Transfer	4/8/1999	Design &Development,Dte. Of Mines & Industries, Panaji Goa.	Displayed		

144	74-172	Ekarati	Religious	Brass	6.5x14 cms	Modern	One wick lamp with handle	Transfer	9/25/1974	Central Library	Displayed	
145	74-163	Niranjan	Religious	Brass	11.5x4 cms	Modern	A lamp without handle.It is like a small samai.	Transfer	9/25/1974	Central Library	Displayed	
146	99-35	Pancharati	Religious	Brass	10x16 cms	Modern	Five wick decorative lamp with handle . The five wicks face five directions. It has a small tower like motif in the centre.	Transfer	4/8/1999	Design &Development,Dte. Of Mines & Industries, Panaji Goa.	Displayed	
147	74-173	Pancharati	Religious	Brass	6x14 cms	Modern	Five-wick decorative lamp with handle.All the five wicks face one direction. A unique feature of	Transfer	9/25/1974	Central Library	Displayed	

148	74-87	Potter	Cultural	Terracotta	34x32 cms	Modern	A terracotta sculpture of potter dressed in traditional clothes making a clay vase. He is adorned with a shikha and moustache . The sculpture was V.M Cuncolkar.	Transfer	9/25/1974	Central Library	Displayed	
149	74-312	Surta	Musical Instrument	Brass	59x9 cms	Modern	A shenai like instrument with two to three holes which as wholly or partially sealed with wax to tune the instrument.	Transfer	9/25/1974	Central Library	Displayed	
150	74-176	Kumkum-box	Religious/ Cultural	Brass	5x6.5 cms	Modern	A decorative box with five segments for storing vermillion with a lock. It has a floral handle in the centre.	Transfer	9/25/1974	Central Library	Displayed	

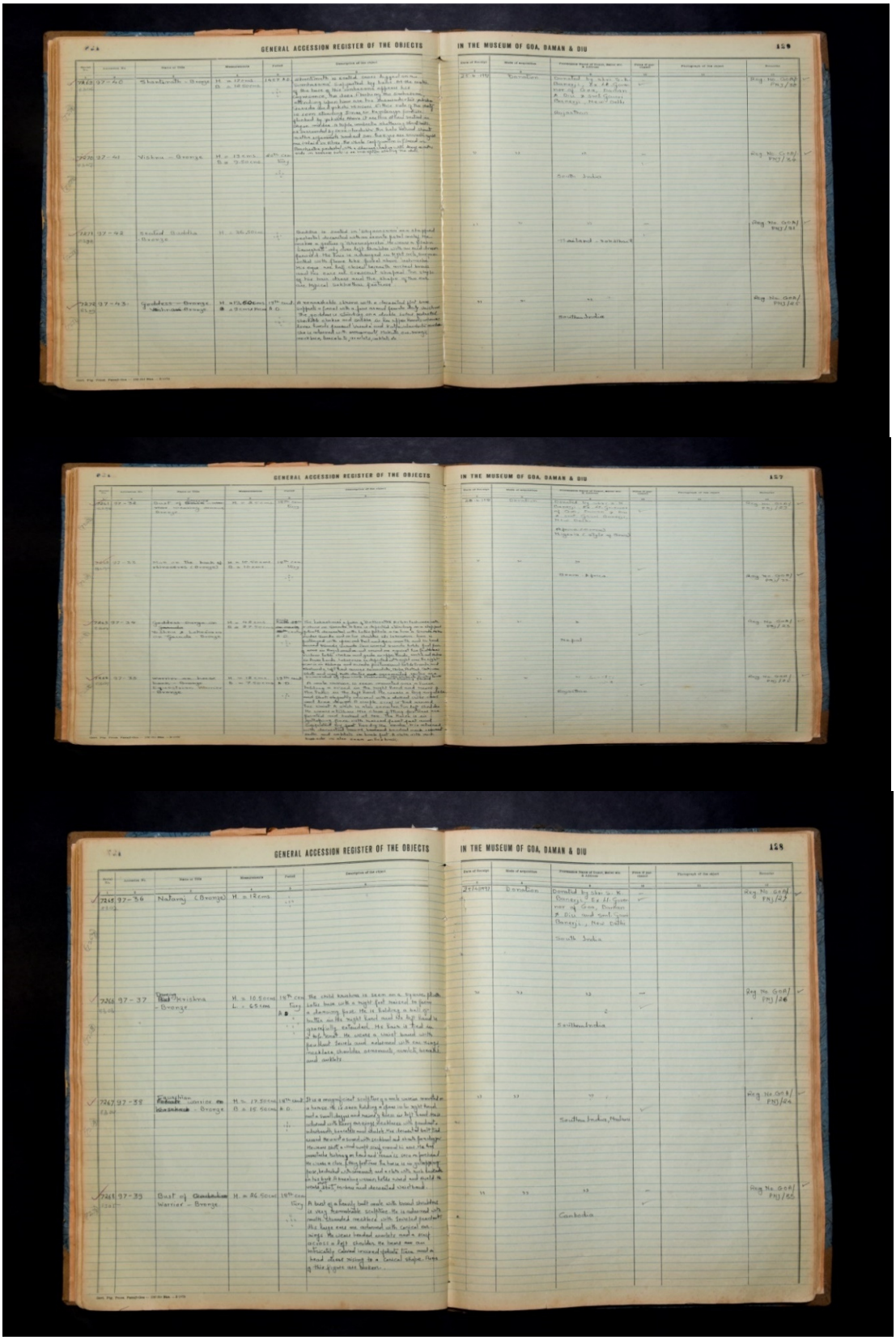
151	74-89	Washerman	Cultural	Terracotta	45x20 cms	Modern	A terracotta sculpture of a traditional washerman carrying the bundle of clothes on his back. It is made by the famous sculptor V.M.Cuncolkar. He is in his traditional clothing.	Transfer	9/25/1974	Central Library	Displayed	
152	74-79	Woman Grinding	Cultural	Terracotta	31x29 cms	Modern	It is a terracotta sculpture of a house-wife dressed in ethnic clothing grinding grains on a traditional grinding stone known as 'Date' and a cane basket at her right from which she is taking grains to be put in the grinding stone. The sculpture is made by the famous sculptor V.M.Cuncolkar.	Transfer	9/25/1974	Central Library	Displayed	
153	80-4	Old woman	Cultural	Terracotta	51x26 cms	Modern	It is terracotta sculpture made by the famous sculptor V.M.Cuncolkar in the Goan traditional dressing. She is shown in a walking posture holding a stick. Her old bones are shown sticking out from her collar.	Transfer	9/25/1974	Central Library	Displayed	

154	74-86	Carpenter	Cultural	Terracotta	34x33 cms	Modern	A terracotta sculpture of carpenter at his work is a remarkable piece of the sculptor V.M.Cuncolkar. He is shown in the traditional dress with his traditional headgear.	Transfer	9/25/1974	Central Library	Displayed		
155	74-82	Kunbi woman	Cultural	Terracotta	51x21 cms	Modern	The sculpture of the kunbi woman is the remarkable art of V.M.Cuncolkar . She is shown dressed in her ethnic clothing known as 'Detli' and her ethnic ornaments with a cane basket on her head. She is depicted as heading to sell her vegetables.	Transfer	9/25/1974	Central Library	Displayed		
156	74-77	Man shelling coconut	Cultural	Teracotta	34x28 cms	Modern	A man shelling coconut with the help of a bill-hook. It is a terracotta sculpture made by renouned sculptor V.M.Cuncolkar.	Transfer	9/25/1974	Central Library	Displayed		
157	74-90	Mason	Cultural	Terracotta	39x22 cms	Modern	The Mason is polishing the stone with his pick-axe. This sculpture was made by V.M.Cuncolikar in terracotta	Transfer	9/25/1974	Central Library	Displayed		

158	74-81	Farmer	Cultural	Terracotta	52x22 cms	Modern	The sculpture depicts a farmer going to the field in his work-clothes. A woolen blanket known as 'Kamal' is resting on his head and he is carrying an agricultural tool known as 'Kudal'on his right shoulder	Transfer	9/25/1974	Central Library	Displayed	
159	74-80	Old Man Smoking Gudgudi	Cultural	Terracotta	36x35 cms	Modern	A old-man is seen sitting in a leasurly posture smoking a traditional pipe called *'Gudgudi'*.	Transfer	9/25/1974	Central Library	Displayed	
160	74-262	Wooden playing Board	Board game	Wood		Modern	A set of eight board games. It is traditional laquor art. The main game has fourteen pits, pawns and four long dices named as *'Tablam'* from which the game gets its name. This game is similar to the South Indian game *Pallanguzhi* found in temples.	Transfer	9/25/1974	Central Library	Displayed	
161	74-330	Chess	Board game	Cloth,wood		Modern	Cloth chess board with thirty -two laquored wooden dices. It was known as *Chaturanga*.	Transfer	9/25/1974	Central Library	Displayed	

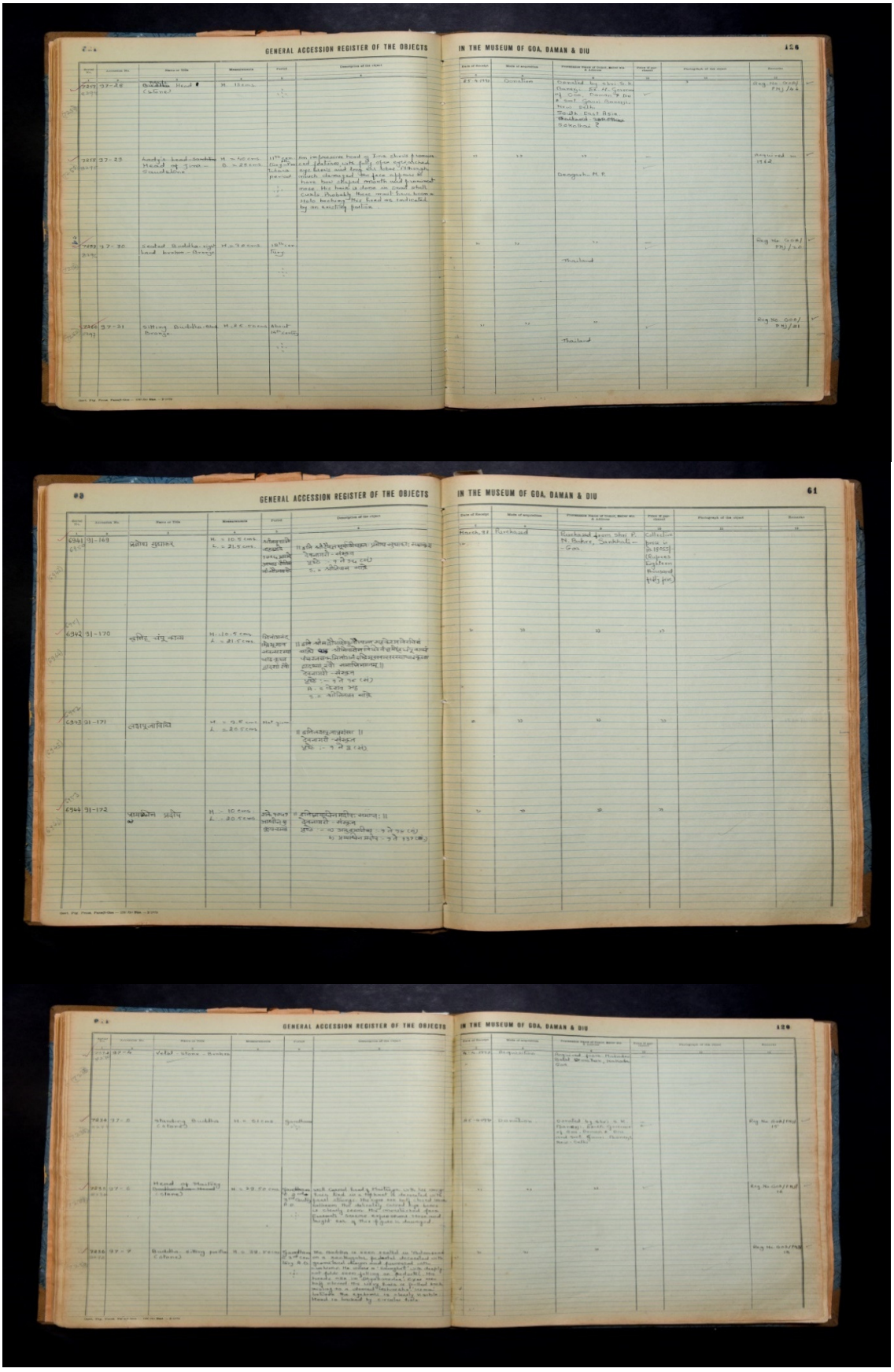
Annexure VIB

Sample Sheet of Accession Register:



GENERAL ACCESSION REGISTER OF THE OBJECTS

IN THE MUSEUM OF GOA, DAMAN & DIU


GENERAL ACCESSION REGISTER OF THE OBJECTS
IN THE MUSEUM OF GOA, DAMAN & DIU
GENERAL ACCESSION REGISTER OF THE OBJECTS
IN THE MUSEUM OF GOA, DAMAN & DIU
GENERAL ACCESSION REGISTER OF THE OBJECTS
IN THE MUSEUM OF GOA, DAMAN & DIU

Other Annexure

DOCUMENTS OF THE PROJECT FOR APPLICATION

DOCUMENT 1A - 1D

DOCUMENT 1-A

DETAILS OF LAND OWNED

No. l/21/Land-Acq,lGen/2020-21/D.Agri/ 61/c
Directorate of Agriculture,
Government of Goa,
Krishi Bhavan,
Tonca Caranzalem-Goa.
Dated:02 /06/2021.

CERTIFICATE FOR TRANSFER OF LAND OF DIRECTORATE OF AGRICULTURE TO DIRECTORATE OF MUSEUMS.

Certified that we have, on this 2nd day June 2021 handed over the land admeasuring 9520 Sq. mts. of Directorate of Agriculture situated at Ela, Old-Goa to Director of Museums for Construction of new building for Museum with a condition that the Department of Museum should allow the Directorate of Agriculture to use Mango trees and Banana plants for propagation purpose and harvesting of produce.

The following no.s of fruit bearing trees are existing in the said land.

1. Mango trees ----- 42 Nos.
2. Jackfruit trees --- 04 Nos.
3. Banana plants --- 80 Nos.
4. Coconut trees --- 02 Nos.

The marked plan is attached herewith.

Handed over by

2/6/2021

(Shivdas S. Gaonkar)
Assistant Director of Agriculture (FT)
on B/O Director of Agriculture.
Director of Agriculture (FT)
Farmer's Training Centre
Ela-Old Goa

Taken over by

Radha

(Radha R. Bhave)
Director of Museums
RADHA R. BHAVE
DIRECTOR
Directorate of Museum
Govt. of Goa

In presence of

1) Dupkar 2/6/21
ASST AGRICULTURE OFFICER
Farmer Training Centre
Ella, Old - Goa

2) 2/6/21

In presence of

1) 02/06/'21

2) 02/06/21

Director Directorate of Museums Panaji-Goa

Director Directorate of Museums Panaji-Goa

DOCUMENT 1-B

Panaji-Goa
Entry No. 643
Date: 03/08/21

Directorate of Agriculture
Government of Goa
Krishi Bhavan, Tonca, Caranzalem,
Goa – 403 002

No. 1/21/40/Transfer of Land/ **2021-22/D.Agri /** 726 **Date:** 3/08/2021

ORDER

WHEREAS, the Directorate of Agriculture is in possession of land under Survey No.125/1 of Ella Village in Tiswadi Taluka.

AND WHEREAS, the Museum Department upon approval from the Government of Goa has submitted the demarcated site plan of the property bearing Survey No.125/1 of Village Ella, Taluka Tiswadi of the proposed area 9520 sq.mts. of the Directorate of Agriculture for the construction of the new building for museum vide their letter No.4/34/2019/DM-433 dated 18/11/2020.

AND WHEREAS, the Department of Agriculture has obtained the approval from the Government for transfer of 9520 sq.mts. of land under Survey No.125/1 of village Ella, Taluka Tiswadi to the Department of Museum for construction of new building for Museum with a condition that the Department of Museum should allow the Department of Agriculture to use existing Mango Trees and banana plants for propagations purpose and harvesting of produce.

AND WHEREAS, the proposal for transfer of land admeasuring 9520 sq.mts. under Survey No.125/1 of Village Ella, Taluka Tiswadi is under Rule 310(2) of General Financial Rules, 2017 on "no profit no loss basis".

AND WHEREAS, the Revenue department has concurred to the proposal of transfer of land vide No.1629/F dated 04/06/2021.

AND WHEREAS, the Cabinet in the XL VIIIth Cabinet Meeting of the Council of Ministers held on 09/06/2021 has conveyed its approval for the said transfer of land on the condition that the Department of Museum should allow the Department of Agriculture to use mango Trees and Banana plants for propagations purpose and harvesting of produce.

NOW, THEREFORE, in view of the Government approval conveyed herein above, the land under the ownership of Department of Agriculture described in the scheduled herein below delineated in the appended plan hereby stands transferred to the Department of Museum for the purpose of construction of the new building

SCHEDULE

DISTRICT	TALUKA	VILLAGE/CITY	SURVEY/P.T.S./ CHALTA NO.	AREA
North Goa	Tiswadi	Ella, Old Goa	125/1 at Ella, Old Goa	9520sq.mts.

By order and in the name of the
Governor of Goa.

(Nevil Alphonso)
Director of Agriculture &
Ex- Officio Jt. Secretary to the Government

Copy to:

1. The Under Secretary (GAD-II), General Administration Department, Secretariat, Porvorim – Goa.
2. The Director, Directorate of Museums, Old Secretariat, Panaji – Goa.
3. The Director, Directorate of Settlements & Land Records, Collectorate Bldg. (North Goa), Panaji- Goa.
4. The Collector (North Goa District), Panaji…… to issue directives to the Mamlatdar of Tiswadi to carry out necessary changes in the land records.
5. The Dy. Collector &SDO, Tiswadi Taluka …….. to effect new changes in land records.
6. The Under Secretary, Revenue Department, Secretariat Porvorim, Goa.
7. The assistant Director of Agriculture (FT), Ella Old – Goa.
8. Guard file.
9. Office Copy.

DOCUMENT 1-C

FORM I & XIV
नमुना नं १ व १४

Date : 09/08/2021 Page 1 of 1

Taluka तालुका	TISWADI	Survey No. सर्वे नंबर	125
Village गांव	Ella	Sub Div. No. हिस्सा नंबर	1
Name of the Field शेताचें नांव	Ella Farm	Tenure सत्ता प्रकार	

Cultivable Area (Ha.Ars.Sq.Mtrs) लागण क्षेत्र (हे. आर. चौ. मी.)

Dry Crop जिरायत	Garden बागायत	Rice तरी	Khajan खाजन	Ker केर	Morad मोरड	Total Cultivable Area एकूण लागण क्षेत्र
0014.59.75	0000.02.08	0000.00.00	0000.00.00	0000.00.00	0000.00.00	0014.61.83

Un-cultivable Area (Ha.Ars.Sq.Mtrs) नापिक क्षेत्र (हे. आर. चौ. मी.)
Pot-Kharab पोट खराब

Class (a) वर्ग (अ)	Class (b) वर्ग (ब)	Total Un-Cultivable Area एकूण नापिक जामीन	Grand Total एकूण
0000.36.50	0000.31.50	0000.68.00	0015.29.83

Remarks शेरा

Assessment : आकार	Rs. 0.00	Foro फोर	Rs. 0.00	Predial प्रेदियाल	Rs. 0.00	Rent रेंट	Rs. 0.00

S.No.	Name of the Occupant कब्जेदाराचे नांव	Khata No. खाते नंबर	Mutation No. फेरफार नं	Remarks शेरा
1	Directorate of Agricultural			
2	Government of Goa Daman & Diu			
3	Goa Institute of Public Administration and Rural Development		32878	3,000.00 sq. mtrs.

S.No.	Name of the Tenant कुळाचे नांव	Khata No. खाते नंबर	Mutation No. फेरफार नं	Remarks शेरा
1	----------Nil----------			

Other Rights इतर हक्क Name of Person holding rights and nature of rights: इतर हक्क धारण करणा-याचे नांव व हक्क प्रकार	Mutation No. फेरफार नं	Remarks शेरा
----------Nil----------		

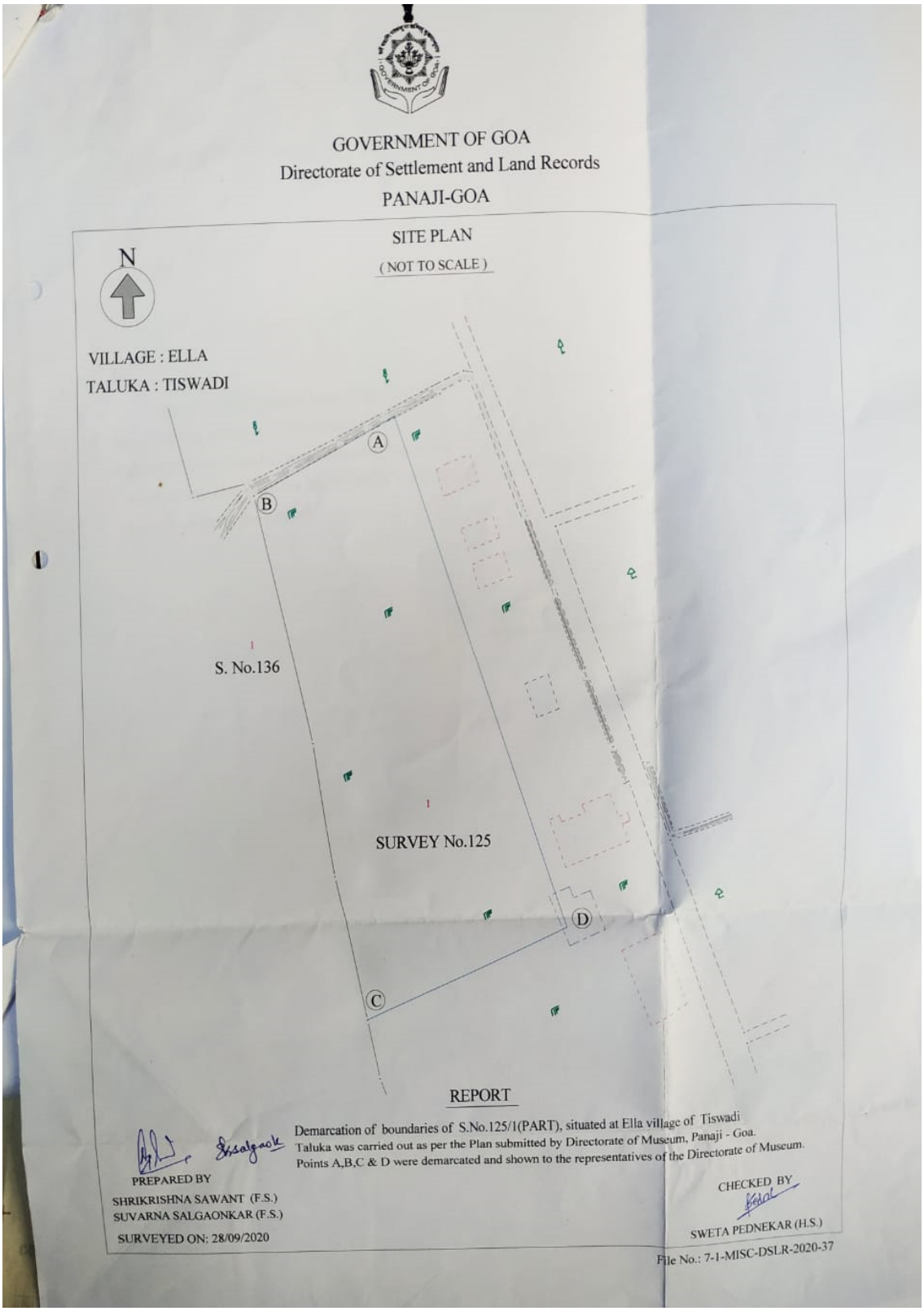
Details of Cropped Area पिकाखालील क्षेत्राचा तापशील

Year वर्ष	Name of the Cultivator लागण करणा-याचे नांव	Mode रीत	Season मौसम	Name of Crop पिकाचे नांव	Irrigated बागायत Ha.Ars.Sq.Mts हे. आर. चौ. मी.	Unirrigated जिरायत Ha.Ars.Sq.Mts हे. आर. चौ. मी.	Land not Available for Cultivation नापिक जमीन Nature प्रकार	Land not Available for Cultivation नापिक जमीन Area क्षेत्र Ha.Ars.Sq.Mts हे. आर. चौ. मी.	Source of irrigation सिंचनांचा प्रारि	Remarks शेरा
	----------Nil----------									

End of Report

For any further inquires, please contact the Mamlatdar of the concerned Taluka.

DOCUMENT 1-D



GOVERNMENT OF GOA
Directorate of Settlement and Land Records
PANAJI-GOA

SITE PLAN
(NOT TO SCALE)

N

VILLAGE : ELLA
TALUKA : TISWADI

A
B
C
D

S. No.136

SURVEY No.125

REPORT

Demarcation of boundaries of S.No.125/1(PART), situated at Ella village of Tiswadi Taluka was carried out as per the Plan submitted by Directorate of Museum, Panaji - Goa. Points A,B,C & D were demarcated and shown to the representatives of the Directorate of Museum.

PREPARED BY
SHRIKRISHNA SAWANT (F.S.)
SUVARNA SALGAONKAR (F.S.)
SURVEYED ON: 28/09/2020

CHECKED BY
SWETA PEDNEKAR (H.S.)

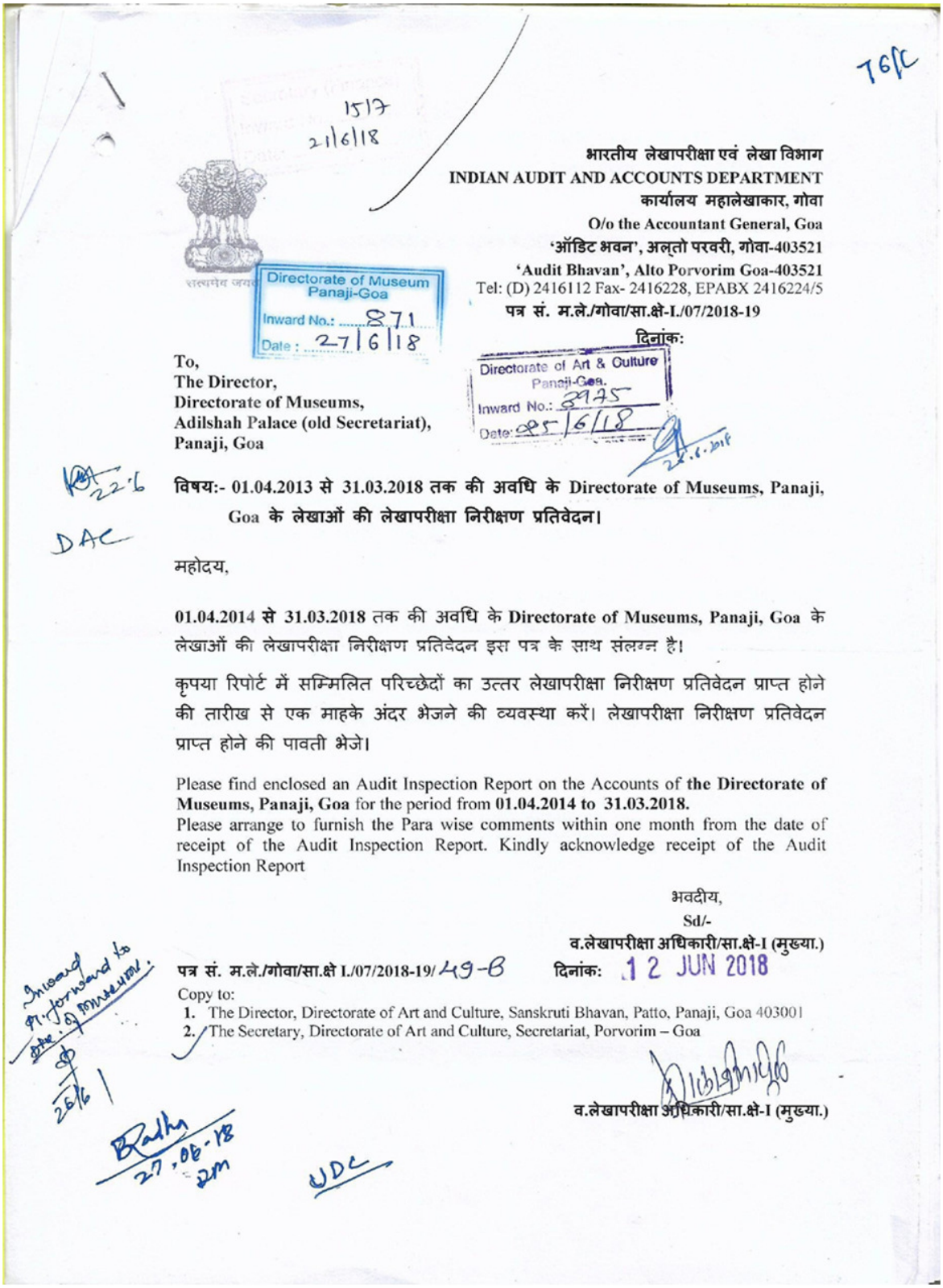
File No.: 7-1-MISC-DSLR-2020-37

DOCUMENTS OF THE PROJECT FOR APPLICATION

DOCUMENT 2A - 2B

DOCUMENT 2-A

Audited Statement of Account for the years 2014-2018



भारतीय लेखापरीक्षा एवं लेखा विभाग
INDIAN AUDIT AND ACCOUNTS DEPARTMENT
कार्यालय महालेखाकार, गोवा
O/o the Accountant General, Goa
'ऑडिट भवन', अल्तो परवरी, गोवा-403521
'Audit Bhavan', Alto Porvorim Goa-403521
Tel: (D) 2416112 Fax- 2416228, EPABX 2416224/5
पत्र सं. म.ले./गोवा/सा.क्षे-I./07/2018-19 दिनांक:

Directorate of Museum Panaji-Goa Inward No.: 871 Date: 27/6/18

Directorate of Art & Culture Panaji-Goa. Inward No.: 8945 Date: 25/6/18

To,
The Director,
Directorate of Museums,
Adilshah Palace (old Secretariat),
Panaji, Goa

विषय:- 01.04.2013 से 31.03.2018 तक की अवधि के Directorate of Museums, Panaji, Goa के लेखाओं की लेखापरीक्षा निरीक्षण प्रतिवेदन।

महोदय,

01.04.2014 से 31.03.2018 तक की अवधि के Directorate of Museums, Panaji, Goa के लेखाओं की लेखापरीक्षा निरीक्षण प्रतिवेदन इस पत्र के साथ संलग्न है।

कृपया रिपोर्ट में सम्मिलित परिच्छेदों का उत्तर लेखापरीक्षा निरीक्षण प्रतिवेदन प्राप्त होने की तारीख से एक माहके अंदर भेजने की व्यवस्था करें। लेखापरीक्षा निरीक्षण प्रतिवेदन प्राप्त होने की पावती भेजे।

Please find enclosed an Audit Inspection Report on the Accounts of **the Directorate of Museums, Panaji, Goa** for the period from **01.04.2014 to 31.03.2018.**
Please arrange to furnish the Para wise comments within one month from the date of receipt of the Audit Inspection Report. Kindly acknowledge receipt of the Audit Inspection Report

भवदीय,
Sd/-
व.लेखापरीक्षा अधिकारी/सा.क्षे-I (मुख्या.)

पत्र सं. म.ले./गोवा/सा.क्षे I./07/2018-19/49-B दिनांक: 12 JUN 2018

Copy to:
1. The Director, Directorate of Art and Culture, Sanskruti Bhavan, Patto, Panaji, Goa 403001
2. The Secretary, Directorate of Art and Culture, Secretariat, Porvorim – Goa

व.लेखापरीक्षा अधिकारी/सा.क्षे-I (मुख्या.)

75/c

AUDIT INSPECTION REPORT ON THE ACCOUNTS OF THE DIRECTORATE OF MUSEUMS, PANAJI, GOA FOR THE PERIOD 01-04-2013 TO 31-03-2018

PART – I – INTRODUCTION

The Directorate of Museums Goa currently located at Old Secretariat Building (Adil Shah's Palace) at Panaji. The Goa State Museum under the Directorate was established in 1977, also known as the State Archaeology Museum. The Museum Building at EDC Complex in Patto, Panaji, was inaugurated in 1996. The museum had about 8,000 artifacts on display, including stone sculptures, wooden objects, carvings, bronzes, paintings, manuscripts, rare coins and anthropological objects. Museum was closed for visitors and the artefacts were shifted to the Adil Shah's Palace (Old Secretariat) in the month of June 2017. The Museum's premises at the EDC Complex in Patto, Panaji was to be demolished due to major structural problems.

The Director is the overall in charge who is assisted by 24 staff in Academic and Preservation Units and in Administration and Accounts sections. Two posts of Curator and one post of Modeller were vacant.

Expenditure incurred by the Directorate of Museums, Panaji, Goa on pay and allowances and contingent expenditures for the last five years are as below:

(₹ in lakh)

Sr. No.	Year	Expenditure on Pay and allowances	Contingent Expenditure
1	2013-15	100.41	31.16
2	2014-15	117.31	30.35
3	2015-16	112.52	15.78
4	2016-17	118.34	25.73
5	2017-18	164.68	14.33

Revenue realised by the Directorate for the last three years as below:

Year	Amount	Remarks
2015-16	₹ 2.19 lakh	Towards rent of A.C. Auditorium
2016-17	₹ 1.81 lakh	Sale of unserviceable materials & photography
2017-18	₹ 0.28 lakh	Sale of unserviceable materials & tender forms

74/C

Internal Audit of the Directorate of Museums was not conducted by any authority during the period 2013-14 to 2017-18.

A test check on the accounts of the Director of Museums, Panaji, Goa conducted locally from 24-04-2018 to 30-04-2018 for the period from 01-04-2013 to 31-03-2018 under section 13 of the Comptroller and Auditor General's, (Duties, Powers and Conditions of Service) Act, 1971. The audit was conducted by audit team consisting of Smt. Jayasree P, Sr. Audit Officer and Shri Ram Baksh Meena, Asstt. Audit Officer of the O/o the Accountant General, Goa. Previous audit was conducted in the year 2008.

The object of the audit was to see any financial irregularities in the accounts of the Director of Museums, Panaji, Goa for the period from 01-04-2013 to 31-03-2018. The scope of audit includes an overall working of the office along with administrative functions.

PART – II - AUDIT FINDINGS

PART II (A)

SIGNIFICANT AUDIT FINDINGS

NIL

PART II B: OTHER INCIDENTAL FINDINGS

Para 1: Delay in taking timely action to maintain museum building

Goa State Museum Building at Patto was constructed in 1996 and the Museum was formally inaugurated by the President of India on 18 June 1996.The work of construction of the museum was administratively sanctioned in January 1985. Preliminary estimate were prepared separately by CPWD on 26-04-1984 for superstructures of 2323 sq.mt. and 5762 sq.mt. and actual cost derived on August 1992 for 5762 sq.mts.

Soon after the completion of the Museum building, some major structural problems such as cracks on the walls sinking of floor and dislocation of tiles were apparent. Due to leakage during monsoons, crumbling and dislocation of false ceiling also started. The deteriorating condition of the Building worsened day by day and many of artifacts were damaged.

73/c

Government of Goa, through GSIDC appointed M/s. Madhav Kamat and Associates for inspection as well as structural audit of the building. The agency submitted their report to the Govt. in the year 2013. Three alternatives suggested to repair the building but the government decided to demolish the building and replace it with a new building. The museum was temporarily shifted to ground floor of Old Secretariat building in the month of June 2017. The closure of Museum at Patto for public was declared in the web site w.e.f. May 2018.

On audit scrutiny it was noticed that:

(i) During the construction of building, for sub structural pile foundation work, there was provision of ₹ 80.87 lakh. It is seen that the actual expenditure incurred was ₹ 66.09 lakh only resulting in savings of ₹ 14.78 lakh. Whereas expenditure on super structural Civil Work went up from estimated ₹ 1.56 crore to ₹ 2.46 crore and similar rise was seen in other items of work, reduction in the expenditure on sub structural pile foundation work was a deviation from the trend. The savings in expenditure were indicative of shortcomings in the pile foundation work resulting in the problems like sinking of floor.

(ii) The cracks and other structural problems were visible soon after completion of the museum building. Although the problems were noticed in 1996, the structural audit consultant was appointed only in the year 2011. The consultant submitted his report in 2013 based on which final decision to demolish the building could be taken in 2017.

Essential requirement of conducting hydro-geology study of the land on which the Museum Building was constructed was not complied. Besides, inaction to conduct structural survey of the building (between 1996 to 2011 i.e. for 15 years) resulted in further deterioration which finally resulted in decision of demolition of the building. Timely action to maintain the building could have enhanced the life of building and expenditure on construction of new museum building could have been deferred. Further, the government's decision to construct the new building is estimated to cost around ₹ 56.25 crore (as estimated by the GSIDC appointed consultant in 2013). Additionally, the Department has already incurred an expenditure on shifting of the

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museum and the unassessed loss due to damages suffered by the invaluable exhibits on the display in the museum.

The Department replied that the reply to audit observation would be submitted after examination of the matter, in due course of time.

Para 2: Irregular financial assistance to Private Museums (₹ 38.67)

Government of Goa notified the Scheme called 'Financial assistance to Private Museums' on 9th December 2013.The scheme intended to provide financial assistance for setting up private museums and for professional development of the existing museums managed by individuals, institutions, voluntary organizations, trusts etc. registered either under the Registration of Societies Act, 1860, or Indian Trust Act, 1882.The museum was required to be in the state of Goa or possess recognition certificate from Department of Museum, Goa. For obtaining financial support, the private museums are classified into two categories (i) Museums in existence of not less than three years were treated as New Museums and one time grant upto ₹ 25.00 lakh would be paid & (ii) Museums in existence of not less than seven years were treated 'Existing Museums' and a grant upto ₹ 10.00 lakh to be paid.

The grant was to be released in three instalments with first instalment of 50 *per cent* sanctioned and released immediately on approval by the Expert Committee, second instalment of 25 *per cent* after utilization of 80 *per cent* of 1st instalment and balance 25 *per cent* to be released after full utilisation of 1st and 2nd instalments.

As per guidelines Utilisation Certificate & Audited statement of accounts should be submitted before the release of subsequent instalment. Para 9 (v) of the scheme also provides that the grantee institutions should also submit the annual report of the activities and physical achievements of their museum for next five years after the award of the grant. If it was not received satisfactorily, the entire amount should be returned by that institution to the Govt.

It was observed that the Directorate of Goa Museums had released ₹ 38.67 lakh to four private museums (Category I – 1 and Category II – 3) as detailed below:

Sr.No.	Beneficiary	Cat	Ist Installment	IInd Installment	Total grant (₹)
1	Houses of Goa Museum	II	497230 (2015)	248565 (2017)	745695
2	Goa Chakra	I	1250000	625000	1875000

7/c

	Museum		(2016)	(2017)	
3	Ancestral Goa Big Foot	II	496650 (2016)	250000 (2017)	746650
4	Pillar Seminary Museum	II	500000	Only 1st instalment paid	500000

As against scheme guidelines 2nd instalment was released to three private institutions without receipt of utilisation of 80 *per cent* of the first instalment. Utilisation certificate and audited statement of accounts were not received from any of the above four museums till date (April 2018).

Due to non-receipt of Annual Reports on the activities and physical achievements of the institutions, the action should be initiated for recovery of entire grant from all the four private Museums.

Departments reply is awaited.

Para 3: Delay in credit of cash receipts into Government account

Rule 6 of the Receipt and Payment Rules provides that all moneys received by or tendered to Government officers on account of revenue or receipts or dues of the Government shall, without undue delay, be paid in full into the accredited bank for inclusion in the Government account.

However, test check of the cash book revealed that there was delay in crediting the receipt.

It was observed that whenever cash is deposited in the bank, a huge amount is being kept by the Cashier ranging between ₹ 2500 and ₹ 52928. While remitting ₹ 5000 on 17-05-2016 the cashier kept a huge amount of ₹ 52,928 with him. At the end of Financial Year 2016-17 (as on 24-03-2017) the cash book showed a balance of ₹ 6,420 and the same was not credited in the bank till date (26 April 2018).

Further, the general instruction for handling cash as per Rule 13 (ii) of the Receipt and Payment rules states that all monetary transaction should be entered in the Cash Book as soon as they occur and attested by the Head of the Office in token of check. However, it was noticed that the Cash Book for the year 2018-19 was not opened till date (26 April 2018).

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Thus, there was huge balance of cash in hand before the same was remitted to Government which is against the rules cited *supra.* Retention of Government money by the cashier and not remitting it at the earliest, is fraught with risk of being misuse.

It was replied that delay in remittance of cash in treasury was due to non-availability of internet facilities for preparing e-challan as the shifting of the Museum office was already planned.

Reply is not tenable as the delayed cash remittance in the Treasury is against the Rules.

PART – III: FOLLOW UP ON FINDINGS OUTSTANDING FROM PREVIOUS REPORTS

NIL

PART – IV: BEST PRACTICES

NIL

PART – V: ACKNOWLEDGEMENT

Audit acknowledges the cooperation extended by the staff of the by the Directorate of Museums, Goa, Panaji, Goa in conduct of audit by providing information, records and replies in time.

Smt. Radha R. Bhave, the Curator of the Museums, promoted on 12-03-2012 as Director, Museums, has been continued during the period covered by the audit.

Disclaimer

The Inspection Report has been prepared on the basis of information furnished and made available by the Director of Museums, Goa. The office of the Accountant General, Goa disclaims any responsibility for any misinformation and/or non information on the part of the auditee organisation.

Sr. Audit Officer/SS-I (HQrs)

DOCUMENT 2-B

Annual Report for the last 3 years from 2020 to 2023

For the year 2020-21

- To protect the museum collection from deterioration due to effects of humidity, light, and insects every object in the collection was inspected, cleaned and re-organized in the stores.
- 'Museum Week' was celebrated from 22 to 26 Feb.2021. A photo exhibition on the topic 'Dudha Faral' was organized. As part of Museum week' group discussion, lectures also organized for student and public.

Following Sculptures acquired:

- Ganesh and Durga stone sculpture acquired from village Panchayat, Bandora, Ponda-Goa.

For the year 2021-22

- On 18/05/2022 International Museum Day celebrated by Directorate of Museum.
- Foundation Day of Directorate of museum was celebrated on 29/09/2022.

Following 4 marble sculptures were acquired:

- Gayatri, Ganesh, Hanuman, Shiva Linga from Shri Maharudra Hanuman Nyas (Trust), Housing Board Colony, Porvorim, Goa.

For the year 2022-23

- On 18th May 2022, International Museum Day was celebrated in the Museum. The lectures organized by Directorate of Museums for 5 days lectures; 'on Goan History' it was attended by the student and public.
- Foundation Day of Directorate of Museums was celebrated on 29/09/2022.

Following embroidery and crochet work acquired from Smt. Milan Talaulikar are:

- 3 Embroidery frames.
- 1 Table cloth.
- 1 Godhadi.
- 1 Crochet Table cloth.

DOCUMENTS OF THE PROJECT FOR APPLICATION

DOCUMENT 3A - 3C

DOCUMENT 4A – 4B

DOCUMENT3– A

Budgetand Expenditure for the year 2020-2021

Demand, Major, Sub-Major, Minorand DetailedHead	BudgetEstimates 2020-2021	Expenditure 2020-2021
1	2	3
TOTALDEMAND 46(Revenue &Capital (2071,2205,4202)	681.15	212.72
Total Revenue Expenditure	381.15	212.72
2071Pensions andotherRetirementBenefits	----	----
01 Civil	----	----
117Governmentcontribution for definedContribution Scheme	----	----
01 Defined Contribution Pension scheme	----	----
01 Salaries	----	----
2205Art and culture	**381.15**	----
107Museums	**381.15**	----
01Expansion of Museums (Plan)	**210.60**	----
01Salaries	150.00	----
02Wages	9.00	----
03Overtime allowance	----	----
07 Outsourcing of Utility Attendants	----	----
08 Maintenance of I.T. C Equipment's	----	----
09 Maintenance of I.T. Non-Equipment's	----	
10 Maintenance of Cars & Other Vehicles	----	----
11Domestic travel expenses	0.10	----
13 Office expenses	22.00	3.73
16Publication	0.50	----
17 Refreshment Charges	----	----
18 Entertainment/Gift Expenses	----	----
19 Stationary Expenses	----	----
26Advertising/Publicity	1.00	----
27Minor works	3.00	----
29 Telephone/Mobile Charges	----	----
31Grant-in-aid	25.00	----
35 Grant-in-aid (Salaries)	----	----
36 Procurement of I.T Equipment's	----	----
37 Exhibition /Fair Expenses	----	----
02 State Museums (Non-Plan)	**170.55**	**93.8**
01Salaries	100.00	54.02
02Wages	60.00	38.96
07 Outsourcing of Utility Attendants	----	----
08 Maintenance of I.T. C	----	----
09 Maintenance of I.T. Non-Equipment's	----	----
10 Maintenance of Cars & Other Vehicles	----	----

11Domestic travel expenses	1.00	----
12Foreign travel expenses	0.50	----
13 Office expenses	3.00	0.84
16Publication	1.00	----
17 Refreshment Charges	----	----
19 Stationary Expenses	----	----
21SuppliesandMaterials	0.50	----
26Advertising andpublicity	0.50	----
27Minor works	4.00	----
29 Telephone/Mobile Charges	----	----
36 Procurement of I.T Equipment's	----	----
37 Exhibition /Fair Expenses	----	----
50Other Charges	0.05	----
4202 Capital outlayonEducation, Sports, Art and Culture	300.00	----
04Art and culture	300.00	----
106 Museums	300.00	----
01Buildings (state Museum)	300.00	----
53Major works	300.00	----
Grand Total	**681.15**	**212.72**

DOCUMENT3– B

Budgetand Expenditure for the year 2021-2022

Demand, Major, Sub-Major, Minorand DetailedHead	BudgetEstimates 2021-2022	Expenditure 2021-2022
1	2	3
TOTALDEMAND 46(Revenue &Capital (2071,2205,4202)	1396.60	240.40
Total Revenue Expenditure	396.60	240.40
2071Pensions andotherRetirement Benefits	53.00	10.31
01 Civil	53.00	10.31
117Governmentcontribution for defined Contribution Scheme	53.00	10.31
01 Defined Contribution Pension scheme	53.00	10.31
01 Salaries	53.00	10.31
2205Art and culture	**343.60**	**230.09**
107 Museums	**343.60**	**230.09**
01Expansion of Museums (Plan)	**176.00**	**119.77**
01Salaries	128.00	109.79
02Wages	5.00	----
03Overtime allowance	5.00	----
07 Outsourcing of Utility Attendants	----	----
08 Maintenance of I.T. C Equipment's	----	----
09 Maintenance of I.T. Non-Equipment's	----	----
10 Maintenance of Cars & Other Vehicles	----	----
11Domestic travel expenses	1.00	0.25
13Office expenses	20.00	7.09
16Publication	1.00	----
17 Refreshment Charges	----	----
18 Entertainment/Gift Expenses	----	----
19 Stationary Expenses	----	----
26Advertising/Publicity	1.00	----
27Minor works	5.00	2.64
29 Telephone/Mobile Charges	----	----
31Grant-in-aid	10.00	---
35 Grant-in-aid (Salaries)	----	----
36 Procurement of I.T Equipment's	----	----
37 Exhibition /Fair Expenses	----	----
02 State Museums (Non-Plan)	**167.60**	**110.32**
01Salaries	84.00	67.02
02Wages	0.10	----
07 Outsourcing of Utility Attendants	----	----
08 Maintenance of I.T. C	----	----
09 Maintenance of I.T. Non-Equipment's	----	----
10 Maintenance of Cars & Other Vehicles	----	----

11Domestic travel expenses	1.00	----
12Foreign travel expenses	0.50	----
13 Office expenses	4.00	0.88
16Publication	1.00	----
17 Refreshment Charges	----	----
19 Stationary Expenses	----	----
21SuppliesandMaterials	1.00	----
26Advertising andpublicity	1.00	----
27Minor works	5.00	----
29 Telephone/Mobile Charges	----	----
36 Procurement of I.T Equipment's	----	----
37 Exhibition /Fair Expenses	----	----
50 Other Charges	70.00	42.42
4202 Capital outlayonEducation, Sports, art and Culture	1000.00	---
04Art and culture	1000.00	----
106 Museums	1000.00	----
01Buildings (state Museum)	1000.00	----
53Major works	1000.00	-
Grand Total	**1396.60**	**240.4**

DOCUMENT3– C

Budgetand Expenditure for the year 2022-2023

Demand, Major, Sub-Major,Minor and DetailedHead	BudgetEstimates 2022-2023	Expenditure 2022-2023
1	2	3
TOTALDEMAND 46(Revenue &Capital (2071,2205,4202)	1426.20	254.59
Total Revenue Expenditure	426.20	254.59
2071Pensions andotherRetirementBenefits	25.00	11.89
01 Civil	25.00	11.89
117Governmentcontribution for defined Contribution Scheme	25.00	11.89
01 Defined Contribution Pension scheme	25.00	11.89
01 Salaries	25.00	11.89
2205Art and culture	**401.20**	**242.70**
107 Museums	**401.20**	**242.70**
01Expansion of Museums (Plan)	**167.50**	**149.95**
01Salaries	141.00	140.72
02Wages	3.00	----
03Overtime allowance	----	----
07 Outsourcing of Utility Attendants	----	----
08 Maintenance of I.T. C Equipment's	----	----
09 Maintenance of I.T. Non-Equipment's	----	----
10 Maintenance of Cars & Other Vehicles	----	----
11Domestic travel expenses	1.00	----
13 Office expenses	20.00	9.23
16Publication	----	----
17 Refreshment Charges	----	----
18 Entertainment/Gift Expenses	----	----
19 Stationary Expenses	----	----
26Advertising/Publicity	0.50	----
27Minor works	3.00	----
29 Telephone/Mobile Charges	----	----
31Grant-in-aid	1.00	----
35 Grant-in-aid (Salaries)	----	----
36 Procurement of I.T Equipment's	----	----
37 Exhibition /Fair Expenses	----	
02 State Museums (Non-Plan)	**233.70**	**92.75**
01Salaries	92.40	43.48
02Wages	0.10	----
07 Outsourcing of Utility Attendants	----	----
08 Maintenance of I.T. C	----	----
09 Maintenance of I.T. Non-Equipment's	----	----
10 Maintenance of Cars & Other Vehicles	----	----

11Domestic travel expenses	1.00	----
12Foreign travel expenses	0.50	----
13 Office expenses	4.00	0.88
16Publication	----	----
17 Refreshment Charges	----	----
19 Stationary Expenses	----	----
21SuppliesandMaterials	0.50	----
26Advertising andpublicity	0.20	----
27Minor works	1.00	----
29 Telephone/Mobile Charges	----	----
36 Procurement of I.T Equipment's	----	----
37 Exhibition /Fair Expenses	----	----
50 Other Charges	134.00	48.39
4202 Capital outlayonEducation, Sports, art and Culture	1000.00	----
04Art and culture	1000.00	----
106 Museums	1000.00	----
01Buildings (state Museum)	1000.00	----
53Major works	1000.00	----
Grand Total	**1426.20**	**254.59**

DOCUMENT 4- A

ABSTRACT SUMMARY PROJECT - New Museum Building of Goa State Museum PHASE I & II CIVIL			
Sr.No.	**Civil Work Items (A)**		**Project Cost**
1	A	I Earthworks	51,40,463.59
2	B	II Masonry Works	1,26,67,770.43
3	C	III Plain and Reinforced Concrete Works	5,69,59,349.88
4	D	IV Doors and Windows	48,39,548.47
5	E	V Steel and Aluminium Works	48,61,465.91
6	F	Vi Flooring and Floor Finishes	79,50,945.53
7	G	VII Roofing	23,85,179.62
8	H	VIII Plastering and Finishing Works	21,31,755.92
9	I	IX Water Supply, Sewerage, Plumbing and Sanitation Works	34,58,289.02
10	J	X Miscellaneous	2,39,892.22
11	K	XI Roadwork	14,39,118.10
12	L	XII Landscaping	22,88,275.38
14	M	XIII Transformer, Generator and UPS, Substation	86,77,696.45
15	N	XIV Earthing	3,95,367.00
16	O	XV Cables, Terminations	15,35,692.02
18	P	XVI Wiring	47,26,958.00
19	Q	XVII Lights and Fans	31,72,171.09
20	R	XVIII Panels	10,82,890.20
21	S	XIX Others	23,59,062.05

22	T	XX Lift Works	49,50,750.00
23	U	XXI Fire Fighting Works	31,22,676.56
		Total Estimated Amount	**13,43,85,317.00**
		Add 18% GST	2,41,89,357.06
		Add 3% Contingencies	40,31,559.51
		Add 3.5% Consultancy Fees	47,03,486.10
		Total Cost	**16,73,09,720.00**

ABSTRACT SUMMARY
PROJECT - New Museum Building of Goa State Museum
PHASE I & II MUSEUM CURATORIAL

Sr.No.	**Curatorial Work Items (B)**		**Project Cost**
1	A	Interior And Furniture Works	2,52,93,185.00
2	B	DB's and CB's	4,95,535.30
3	C	Wiring	2,61,800.00
4	D	Data / Voice / CCTV	1,75,61,884.00
5	E	HVAC	11,35,508.00
		Total Estimated Amount	**4,47,47,912.30**
		Add 18% GST	80,54,624.21
		Add 3% Contingencies	13,42,437.37
		Add 3.5% Consultancy Fees	15,66,176.93
		Total Cost	**5,57,11,151.00**
		Total Project Cost (A+B)	**22,30,20,871.00**

DOCUMENT 4- B

Item No.	GSR 2023 No.	Description	Unit	Quantity	Rate	Amount
		I EARTHWORKS				
A1	4001	Clearing grass and removal of rubbish up to a distance of 50 M outside the periphery of the area	Sq.m	2633.85	4.98	13,116.57
						-
A2	4005 (c)	Earthwork in excavation by mechanical means (hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sq.m on plan) including disposal of excavated earth lead upto 50 m and lift upto 1.5m disposed earth to be leveled and neatly dressed including providing barricading, danger lighting guarding as directed in : Hard rock where blasting prohibited	Cum	2352.87	1,145.00	26,94,036.15
						-
A3	4006 (c)	Earthwork in excavation by mechanical means (hydraulic excavator)/manual means in foundation pipeline trenches drain (not exceeding 1.5 m in width or 10 sq.m. on plan) including dressing of sides and ramming of bottoms, lift upto 1.5 m including getting out the excavated soil and disposal of surplus excavated soil as directed within a lead of 50 m.Hard rock where blasting prohibited	Cum	1276.68	1,169.00	14,92,438.92
						-
A4	4010 (a)	Extra for additional depth of 1.5 m or part thereof in. (a) All type of soil	Cum	125.20	38.00	- 4,757.60 -

A5	4025 (a)	Banking excavated earth in layers not exceeding 20 cm in depth breaking clods, watering, rolling each layer with 1/2 tonne roller, or wooden or steel rammers, & rolling every 3rd & top most layer with power roller of minimum 8 tonnes & dressing up in embankments for roads, flood banks, marginal banks, and guide banks, etc. lead upto 50 m. and lift upto 1.5m. in ordinary Soil	Cum	427.69	255.00	1,09,060.95
						-
A6	4012	Refilling of pipeline/ foundation trenches , plinth sides, foundation etc. with available excavated earth in layers not exceeding 20 cm depth consolidating each layer ramming and watering lead upto 50 m and all lifts and disposal of surplus earth as directed by Engineer in charge	Cum	2100.50	245.00	5,14,622.50
						-
A7	4017	Supplying and filling in plinth under floors, trenches including watering, ramming, consolidating, dressing ,complete.				-
		Moorum	Cum	471.95	662.00	3,12,430.90
						-
		TOTAL COST				**51,40,463.59**
						-
		II MASONRY WORKS				-
B-1	5035	Rubble packing with hard laterite stone under floors including watering ramming and consolidating etc. in pipeline trenches and other foundations complete.	Cum	251.44	2,211.00	5,55,935.70
						-
B-2	RA	Laying Rubble packing with available hard laterite stone from site under floors including watering ramming and consolidating etc. in pipeline trenches and other foundations complete.	Cum	62.86	1,119.00	70,335.39

						-
B-3	5038	Laterite masonry in neatly dressed stones of size as specified in cement mortar 1: 4 (1 cement : 4 coarse sand) in foundation and basement.	Cum	141.34	5,186.00	7,32,973.68
						-
B-4	GSR Derived 5043+5047	Laterite masonry in neatly dressed stones for 30 cms thick masonry walls in cm. 1 : 4 (1 cement : 4 coarse sand) in foundation upto plinth level, Extra for laterite masonry in all sizes in superstructure from floor I level upto floor V level.	Cum	918.00	7,004.00	64,29,639.78
						-
B-5	5027 (a)	Half brick masonry using fly ash bricks in cement mortar 1:4 (1 cement : 4 coarse sand) with bricks of class designation 40 kg/cm2. Above plinth upto floor V level 200 x 95 x 95	Sq.m	149.13	652.00	97,233.66
						-
B-6	RA	Providing and fixing Laterite stone work of 15cms thickness with machine cut edges/Hand dressed for wall lining etc. backing filled with a grout of 12mm cement mortar 1:3(1 cement : 3 coarse sand) including pointing in white cement mortar 1:2(1 cement : 2 fine sand) with an admixture of pigment matching the stone shade brought to line and level.	Sq.m	880.92	5,428.00	47,81,652.22
						-
		TOTAL COST				**1,26,67,770.43**
						-
		III PLAIN AND REINFORCED CONCRETE WORKS				-
C-1	6010	Providing & laying cement concrete 1: 2: 4 (1 cement: 2 coarse sand: 4 graded granitic or basaltic stone aggrt. 20 mm. nominal size) excluding cost of centering, shuttering, finishing in:				-

		all works upto plinth level	Cum	169.25	6,810.00	11,52,607.48
		In retaining walls , return walls(any thk) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping bed blocks, anchor blocks, plain window sills, fillets etc, upto floor five level.	Cum	227.12	7,429.00	16,87,246.25
						-
C-2	6011	Providing & laying cement concrete 1:3:6 (1 cement: 3 coarse sand: 6 graded granitic or basaltic stone aggrt. 20 mm. nominal size) excluding cost of centering, shuttering and finishing in:				-
		All works upto plinth level	Cum	123.55	6,325.00	7,81,449.22
						-
C-3	6015	Providing and laying upto floor five level cement concrete 1:2:4 (1 cement: 2 coarse sand: 4 graded granitic or basaltic stone aggregate 20 mm nominal size) including smooth finishing to exposed surfaces, with cement mortar 1:3 (1 cement: 3 fine sand) including centering and shuttering etc.				-
		Kerbs, steps and the like at or near ground level	Cum	21.48	11,053.00	2,37,387.36
		String courses, copings, bed plates, anchor blocks, plain window sills and the like.	Cum	4.89	15,373.00	75,166.41
						-
C-4	6022	Extra for providing and mixing water proofing material in cement concrete work in the proportion recommended by the manufacturers per bag of 50 kg of cement used in mix.	Per cement bag	1498.57	57.00	85,418.58
						-

C-5	6027	Making plinth protection 50mm thick of cement concrete 1:3:6 (1 cement : 3 coarse sand : 6graded stone aggregate 20mm nominal size) over 75mm bed of dry laterite aggregate 40mm nominal size well rammed and consolidated and grouted with fine sand including finishing the top smooth.	Sq.m	1495.59	810.00	12,11,429.13
						-
C-6	6045	Centering and shuttering including strutting, proping etc. and removal of form for :				-
		Foundation, footings, bases of columns, etc and mass concrete	Sq.m	515.71	407.00	2,09,895.15
		Vertical surfaces such as retaing walls, return walls, Partitions, walls (any thickness) including attached Pilasters, Buttresses, Plinth and string courses, Fillets and the like	Sq.m	371.94	479.00	1,78,159.33
		Columns, Piers, Pillars, Aburments, Posts and struts (square rectangle polygon in plan)	Sq.m	1495.30	598.00	8,94,190.72
		Sides and Soffits of beams, Beam Haunchings, Cantilever, Girders, Bressumers and Lintels plinth beams not exceeding 1m in depth	Sq.m	598.31	412.00	2,46,505.27
		Staircases (except spiral staircases) excluding landing ..	Sq.m	101.64	343.00	34,861.87
		Arches, domes, vaults exceeding 6.00 span	Sq.m	376.60	3,234.00	12,17,918.58
						-
C7	6047	Extra to be added for additional height in centering, shuttering where ever required with adequate bracing, propping etc. including cost of de- shuttering and de-centering at all levels, over a height of 3.5m,for every additional height of 1m or part thereof. (Plan area to be measured) Suspended floors, roofs, landings, beams and balconies (plan area to be measured)	Sq.m	88.86	297.00	26,391.37

						-
C8	6046	Centering and shuttering including strutting proping etc. and removal of form upto 12.5m height for sloping or battering surface (slabs, beams, louvers, etc) including folded plates				-
		Where inclination to the horizontal exceeds 30° requiring shuttering on the underside & upperside if required (Only area of underside shall be measured for payment)	Sq.m	203.51	805.00	1,63,823.69
		Columns, Pillars, Posts & struts (circular or curved in plan)	Sq.m	53.46	725.00	38,756.10
						-
		Sides and Soffits of beams, Beam Haunchings, Cantilever, Girders, Bressumers and Lintels plinth beams not exceeding 1m in depth	Sq.m	2796.76	412.00	11,52,265.12
		Suspended floors, roofs landings, shelves & their supports	Sq.m	2121.68	644.00	13,66,361.92
						-
C-10	6052	Providing TMT steel reinforcement bars of SAIL,TATA,VIZAG made only(Confirming to IS 1786 of 1986) for RCC work (conforming to I.S. 1786 of 1986) including bending, binding & placing in position in all the floors along with the factory made precast concrete cover blocks of specified sizes whose compressive strength is not less than that of surrounding concrete in the structural member. Note: Minimum Grade to be used is TMT Fe 500	Kg	324073.87	105.00	3,40,27,756.42
						-

C-11	6065 +6067 (i)	Providing and laying in position machine batched, machine mixed and machine vibrated design mix cement concrete of specified grade for reinforced cement concrete work including pumping of concrete to the site of laying but excluding the cost of centering , shuttering, finishing and reinforcement including admixtures in recommended proportions as per IS 9103 to accelerate, retard setting of concrete, improve workability without impairing the strength and durability as per the direction of the Engineer-in-charge. All works upto floor V level. (Note : Use of ready mixed concrete can be permitted without any extra cost)				-
		Providing M-30 grade concrete by using 420kgs of cement per cu.m. of concrete	Cum	1495.30	8,140.00	1,21,71,759.91
						-
		TOTAL COST				**5,69,59,349.88**
						-
		IV DOORS AND WINDOWS				-
D-1	7001	Providing woodwork in frames of doors, windows, clerestory windows trusses & other frames wrought framed and fixed in positon.				-
		Second class Indian teak wood	Cum	2.85	1,67,470.00	4,77,289.50
						-
D-2	7006	Providing and fixing 50 mm thick panelled glazed or panelled and glazed shutters for doors, windows and clerestory window including anodized aluminium butt hinges with necessary screws:				-
		Second class Indian teak wood	Sq.m	134.82	8,386.00	11,30,600.52
						-
D-3	7010	Providing and fixing 35 mm thick panelled glazed or panelled and glazed shutters for doors,				

		windows and clerestory window including anodized aluminium butt hinges with necessary screws:				
		Second class Indian teak wood	Sq.m	210.18	6,662.00	14,00,219.16
						-
D-4	8035	Providing and fixing anodized aluminium shutters in accordance with the specification annexed with Goa schedule of Rates (2004) Vol & II including all taxes, transportation, scaffolding and handling etc. complete as per direction of the Engineer-in-charge: Adjustable louvered windows.				-
		Figured glass	Sq.m	138.09	3,228.00	4,45,754.52
						-
D-5	7050	Providing flat iron holdfast 40 cms long including fixing to frame with 10 mm dia bolt, nuts and wooden plugs embedded in cement concrete block 30 x 10 x 15 cms 1:3:6 mix(1 cement :3 coarse sand: 6 stone aggregate 20 mm nominal size)				-
		40x3 mm flat iron holdfast, 40 cm long	Each	175.17	139.00	24,348.63
		40x3 mm flat iron holdfast, 15 cm long	Each	151.95	99.00	15,043.05
						-
D-6	7054	Providing and fixing M.S. grill of required pattern in Wooden frames of Windows, or in masonry walls etc. with M.S. flats square or round bars with round headed bolts and nuts or by screws.or necessary holdfast complete.				-
		Plain grill	Kg.	4209.84	142.00	5,97,797.28
						-
D-7	7157	Providing FRP door shutters 35mm thick with frame size in clear opening of 0.75x2.10m hinges and screws complete.,	Sq.m	26.00	1,860.00	48,360.00
						-

D-8	RA	Providing and fixing stainless steel Tower bolt (Barrel type) of approved make with necessary stainless steel screws etc. complete.				-
		250 x 10 mm	Each	172.71	183.08	31,619.40
		200 x 10 mm	Each	180.09	136.31	24,548.07
						-
D-9	RA	Providing and fixing stainless steel Handles of approved make and quality with necessary stainless steel screws etc. complete.				-
		125mm	Each	29.19	41.31	1,205.84
		100mm	Each	90.05	35.71	3,215.69
						-
D-10	RA	Providing and fixing stainless steel door 100mm rim latches, lock and a pair of knob of approved make and quality with necessary stainless steel screws etc. complete as per the direction of the Engineer	Each	100.00	2,900.62	2,90,062.00
						-
D-11	RA	Providing and fixing 150mm stainless steel floor door stopper with rubber cushion with Stainless steel screws etc. of approved make and quality to suit shutter thickness complete.	Each	100.00	100.41	10,041.00
						-
D-12	RA	Providing and fixing 150mm stainless steel hydraulic door closer of approved make with necessary stainless steel screws, stainless steel fittings etc. complete as per direction of Engineer.	Each	2.00	1,545.50	3,091.00
						-
D-13	RA	Providing and fixing pivots for wooden doors as per specifications	Nos	185.00	811.02	1,50,038.70
						-
D-14	RA	Providing and fixing 2 x 1/2 inch beading for the doors as per drawings	Rm	949.71	196.18	1,86,314.11

						-
		TOTAL COST				**48,39,548.47**
						-
		V STEEL AND ALUMINIUM WORKS				-
E1	8001	Steel work in single sections (SAIL,TATA,VIZAG and using electrodes of Ador or ES4B or Deh Secheron make only) including cutting, hoisting fixing in position and applying a priming coat of red lead paint.				-
		In flats of all sizes	Qtl	70.35	12,132.00	8,53,486.20
						-
E2	8002	Steel work(SAIL,TATA,VIZAG only) reverted or bolted in built up sections, trusses and framed work including cutting, hoisting, fixing in position and applying a priming coat of red lead paint.				-
		In R.S. joists	Qtl	14.07	10,620.00	1,49,423.40
						-
E3	8016	Providing and fixing M.S. fan clamp type 1or II of 16 mm dia M.S. bar bent to shape with hooke ends in R.C.C. slabs, beams during laying including painting the exposed portion of loop, all as per standard design complete.	Each	83.00	211.00	17,513.00
						-
E4	8023	Providing and fixing in position 2nd class Indian teak wood hand rail 6.4 x 11.5 cm (4.5" x 2.5") fixed to 40 x 3 mm size M.S. flat welded to 10 mm mild steel square balusters of clear height 86 cm spaced at 15 cm c/c including making necessary hold fast fixtures embeded in staircase concrete to the depth of 20 cm as per detailed drawings.	R.mt	206.40	2,099.00	4,33,233.60
						-

E5	8050	Steel work in built up tubular (round, square or rectangular hollow tubes etc.) (Square Hollow Section (SHS) IS4923 /Rectangular Hollow Section (RHS) IS4923/ Circular Hollow Section (CHS) IS1161 closed Structural Steel of (SAIL, TATA. VIZAG, JSW ,APOLLO Steel Ltd.) make (Min Yeild Stress 310 Mpa)) trusses etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete.				-
		Closed structure	Kgs	10375.58	184.00	19,09,106.72
						-
E6	RA	Providing supplying and fixing aluminium structural glazing using approved make verticals 115.90mm x 57mm and horizontals (as structurally required for a maximum horizontal span of 1200mm) double loop multiwall holding sections with graphite grey powder coating sections, 2.8mm thick openable shutter section 18mm x 40mm tied to RCC wall and column surfaces. G.I. L brackets, anchor fasteners, bolts, nuts, screws and fixing 6mm one way reflective glass with 6mmx6mm double sided tape and approved structural sealant as per Architect's specifications and drawing etc. complete.	Sq.m	345.50	4,337.78	14,98,702.99
		TOTAL COST				**48,61,465.91**
						-
						-

		VI FLOORING AND FLOOR FINISHES				
F1	9010	52mm thick cement concrete flooring with metallic concrete hardener topping, under layer of 40 mm thick cement concrete 1:2:4 (1 cement: 2 coarse sand: 4 graded stone aggregate 20 mm nominal size) and top layers 12 mm thick metallic cement hardener constituting of mix 1:2 (1 cement: 2 graded stone aggregate 6 mm nominal size by volume with which metallic quality is mixed in ratio 4:1 (4 parts of cement: 1 part of metallic) hardening compound of approved floor hardening compound of approved quality) by weight, including finishing complete.	Sq.m.	980.57	602.00	5,90,301.70
						-
F2	9042	Kotah stone slab flooring,over 30 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid over & jointed with grey cement slurry mixed with pigment to match the shade of the slab including rubbing & polishing complete				-
		20mm thk	Sq.m	1589.26	1,581.00	25,12,613.43
						-
F3	9059	Providing and laying jet black mirror polish granite flooring and dado over 20mm thick base of cement mortar 1:4 laid over and jointed with cement slurry including rubbling complete Granitic slab(jet black with mirror polish) 20 mm thick	Sq.m	311.72	3,068.00	9,56,371.29
						-

F4	9074	Providing and fixing 1st quality ceramic glazed wall tiles (Johnson, Somany, Kajaria)conforming to IS:15622 (thickness to be specified by the manufacture of approved make in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-charge in skirting, risers of steps and dados over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @3.3kg per sq.m including pointing in white cement mixed with pigment of matching shade complete.				
		Wall Ceramic Glazed Tiles : 300 x 600	Sq.m.	154.62	988.00	1,52,765.03
						-
F5	9066	providing and fixing vitrified matt finished (600x600) and 10mm thick tiles in floor, treads of steps, landing on 25mm thick bed of cement mortar 1:3 and jointed with cement slurry complete.	Sq.m.	714.67	1,120.00	8,00,429.63
						-
F6	9068	Providing & fixing vitrified anti skid tiles (320x320) and 10mm thick tiles in floor, treads of steps, landing on 25mm thick bed of cement mortar 1:3 and jointed with cement slurry complete	Sq.m	58.06	1,128.00	65,488.03
						-
F7	9042	Kotah stone slab flooring over 25 mm thick in risers of steps, skirtings, dado & pillars laid on 12mm (average) thick cement mortor 1:3 (1 cement : 3 coarse sand) & jointed	Sq.m	105.92	1,668.00	1,76,682.35

		with grey cement slurry mixed with pigment to match the shade of the slab including rubbing & polishing complete.				
						-
F9	RA	Providing, fixing , skirting with Kotah stone slab 20 mm thick (average) 4" wide to a base course cement mortar 1:3 including rubbing , polishing etc. complete.	Sq.m	75.91	1,246.10	94,595.38
						-
F10	9085	Providing and fixing in position Glass mossaic tiles at finished plain/flat/curved/inclided surface of size 10-50 mm square x 4 mm in all colour, design , fixing in customize design as per direction of Engineer. The glass mosaic tiles to be fixed on the surface with the help of approved adhesive applied at the rate of 2.5 kg per sqm and grouting of the same. The rate is inclusive of all operation, material and required pattern approved by Engineer.	Sq.m	16.48	1,911.00	31,498.66
						-
F11	RA	Extra for flaming to the jet black granite flooring and dado as per the direction of Engineer complete.	Sq.m	97.36	328.06	31,941.03
						-
F12	9094	Providing and fixing Granite stone slabs (mirror polished) 18mm thick in risers of steps, skirting, dado and pillars laid on cement paste and jointed with grey cement slurry mixed with				

		pigment to match the shade of the slabs, including rubbing and polishing complete				
		a Jet black	Sq.m	52.36	3,434.00	1,79,788.86
						-
F14	9096	Crazy ceramic tile flooring (China Mosaicflooring), with under layer 12 mm thick cementmortar 1:4 (1 cement: 4 coarse sand), with jointsnot exceeding 5 mm, including filling the gapswith ordinary cement mixture & mixing withsynthetic polyester fibre, triangular in shapehaving specific gravity of 1.34 to 1.40, crosssection size ranging from 10 to 40 micron &length upto 6 mm , mixing fibre @ 125 gramsper 50 kg of cement in cement mortar, includingproviding and mixing water proofing material inmortar @ 1 kg per 50 kg of cement, all completeas per direction of Engineer-in-charge.	Sq.m	2023.19	798.00	16,14,505.94
						-
F-15	9059	Providing and laying jet black mirror polish granite flooring and dado over 20mm thick base of cement mortar 1:4 laid over and jointed with cement slurry including rubbling complete Granitic slab (jet blck with mirror polish) 20 mm thick add q0% wastage 1.00	Sq.m	87.44	3,068.00	2,68,259.64
						-
F-16	RA	Providing and fixing 18mm thick mirror polished GRANITE COUNTER over Cuddappah stone slab of 25mm thick FOR WASH BASIN (premoulded and prepolished)machine cut of required size of approved shade, colour and texture laid over 20mm thick base cement mortar	Sq.m	12.72	7,200.00	91,581.24

		1:4(1cement :4coarse sand) with joints treated with white cement mortar mixed with matching pigment,epoxy touch ups, Including rubbing curing moulding and polishing to edge to give high gloss finish etc. complete at all levels				-
F-17	RA	Providing and laying of vitrified Tac Tiles as per spesification (Tac Liner & Tac Button) & layout drawings including cuting of existing khotah stone flooring & fixing Tac Tile & making good the surface etc complete & as directed.	Sq.m	148.91	2,579.57	3,84,123.32
						-
		TOTAL COST				**79,50,945.53**
						-
		VII ROOFING				-
G1	10081	Providing water proofing treatment over the new R.C.C. roofs terrace by spreading cement slurry over the R.C.C. slab and laying of lOcms. Average laterite stone ballast coba with the necessary gradient for easy flow of rain water and the coba in covered with damp proof of approved make jointless water proofing plaster of mix 1:3 (1 cement: 3 fine sand), finished smooth with wooden trowel with false marking of 30 cms square. The vertical surface of the adjoining walls are to be treated upto a height of 30cms including rounding of junction (the rate includes for complete items including labour and materials and including cost of initial treatment of roof slab as follows. The injection of damp proof or equivalent compound with cement solution will be given as	Sq.m	1046.42	1,029.00	10,76,766.18

		and when found necessary for filling honey comb. cracks etc. in the R.C.C. slabs). NOTE: cement consumption 25 kg/sq.M.				
						-
G2	RA	Providing and laying Double skin insulated roofing system in curved roof structure consisting of 0.5 to 0.6mm thick steel clad Hi rib sheet having 29mm +/- 1mm crest depth, pitch 203mm and total covered width of 1020mm. The sheet shall be made from high tensile steel of 550Mpa yield strength, having hot dip metal coating of Aluminium and Zinc 150gms per square metre as per AS 1397. The top coat of paint shall be 20microns minimum of silicon modified paint (SMP) system over primer coat on exposed side of sheet over Galvalume. The bottom sheet shall be bare Galvalume 0.47 mm thick. the sub grit 50x50x50x1.6 mm made from GIshould be fixed to inner sheeting on face side at purlin locations by means of galvanised self tapping self drilling fastners through the crest. The outer sheeting shall be fixed with similar screws as of inner sheeting on to the sub grit, An insulation 50mm thick Rock wool /glass wool/mineral wool 48 kg/m3 Density wrapped in polythen shall be laid over the internal sheeting and GI Sub Girths and held between the external and internal sheets. complete	Sq.m	382.52	2,417.40	9,24,703.85
						-
G3	RA	Providing and laying Concrete roof tiles covering of approved make with 25 x 50 mm (1" x 2") jamba wood or similar battens including nails etc complete with	Sq.m	329.10	1,101.10	3,62,372.01

		all necessary accessories complete.				
						-
G4	RA	Providing and laying Concrete ridge tiles of approved make laid dry and pointed with cement mortar 1:4 (1cement :4 fine sand) including adding matching pigment to joints to match the shade of the tiles of approved make with all accessories,compounds etc. complete.	Rm	32.57	655.13	21,337.58
						-
		TOTAL COST				**23,85,179.62**
						-
		VIII PLASTERING AND FINISHING WORKS				-
H1	11004	12mm cement plaster 1:4 (1 cement: 4 fine sand) internal plaster	Sq.m	1789.37	223.00	3,99,029.51
						-
H2	11015	6mm cement plaster to ceiling 1: 3 (1 cement: 3 fine sand)	Sq.m	172.00	182.00	31,304.00
						-
H3	(11017 +11015)	Plaster to ceiling above 5m height from floor level for every additional height of one meter or part thereof.	Sq.m	151.14	289.00	43,679.46
						-
H4	11036	18mm cement plaster in two coats under layer 12mm thick cement plaster 1:5(1 cement:5 coarse sand) and top layer 6mm thick with cement plaster 1:3 (1 cement:3 coarse sand) including mixing waterproofing material for the top layer in proportion recommended by the manufacture, finished with sponge complete.	Sq.m	789.31	329.00	2,59,682.99
						-

H5	(11036 +11039 +50%o 11035a)	18mm cement plaster in two coats under layer 12mm thick cement plaster 1:5 (1 cement : 5 coarse sand) and top layer 6mm thick with cement plaster 1: 3 (1 cement : 3 coarse sand) including mixing waterproofing material for the top layer in proportion recommended by the manufacture, finished with sponge complete. In addition, plastering to be done on mouldings, cornices, or architraves incl. neat finish to line and level.	Sq.m	149.49	672.00	1,00,457.28
						-
H6	11044	18mm thick molded cement mortar bands in cement mortar 1:4 (1 cement : 4 fine sand) cm per Meter	Each	1973.00	95.00	1,87,435.00
						-
H7	11049	Pointing on stone work, with cement mortar 1: 3 (1 cement: 3 fine sand)				-
		Flush pointing	Sq.m	1200.29	201.00	2,41,258.29
						-
H8	11066	Finishing wall with waterproofing cement paint of approved band and manufacture and of required shade on new work (three or more coats)to give an even shade	Sq.m	11.52	73.00	840.96
						-
H9	11076	Applying priming coat with ready mixed primer of approved brand and manufacture on wood work complete.	Sq.m	493.64	58.00	28,631.12
						-
H10	11077	Applying priming coat with ready mixed primer of approved brand and manufacture on steel work complete.	Sq.m	168.39	51.00	8,587.89
						-
H11	11081	Painting two or more coats (excluding priming coat) with superior quality ready mixed paint for steel work of approved brand & manufacture in all	Sq.m	168.39	107.00	18,017.73

		shades on new work to give an even shade.				
						-
H12	11083	Painting two or more coats (excluding priming coat) with superior quality ready mixed paint for wood work of approved brand & manufacture in all shades on new work to give an even shade.	Sq.m	493.64	101.00	49,857.64
						-
H13	11096	Painting (one or more coats) with black japan paint of approved brand and manufacture to give an even shade.	Sq.m	4.22	70.00	295.40
						-
H14	11097	Wall painting (two or more coats) with plastic emulsion paint of approved brand and manufacture on new work to give an even shade.	Sq.m	2827.59	114.00	3,22,345.26
						-
H15	11117	Painting three or more coats with acryllic exterior paint of approved brand and manufacture (such as weather shield,APEX) including applying one coat of cement primer and one coat of surface treatment etc. complete.	Sq.m	501.79	208.00	1,04,372.32
						-
H16	RA	Providing and Applying with antimoss treatment on laterite stone masonry in two or more coats of approved brand in addition to a fungicide coat for removal of moss, and manufacture in all shade or new work over and under coat of suitable shade with solution of approved brand & manafacture to give an even shade(For exposed laterite works) as per directions of engineer.(Two or more coat applied @ 6.5sqm/ltr over and including base coat of the same till the surface accepts)	Sq.m	1200.29	160.68	1,92,862.60
						-

H17	RA	Finishing fine with ready made putty over plaster at all heights	Sq.m	5063.64	28.26	1,43,098.47
						-
		TOTAL COST				**21,31,755.92**
						-
		IX WATER SUPPLY,SEWERAGE,PLUMBING AND SANITATION WORKS				-
I-1	RA	Supply and fixing steel fibre reinforced concrete manhole covers with frame made as per IS 12592 Part I & II (1991) concrete with M-450 provided with normal steel reinforcement in addition to steel fibres of 40 mm. of aspect ratio 7 to 8 complete with lifting hook 18 of SWG lapping plate with covers etc. complete. Medium duty (600 x 600 mm) weight not less than 110 kg.	Each	1.00	1,045.27	- 1,045.27
						-
I-2	RA	Suppying and fixing of cast iron/ GI ladder in concrete. Ladder of width 45cms (in side dimenstions of ladder) for inside / outside for R.C.C reservoir with steps spaced at 25 cms centre to centre with size of 15mm x 6mm for vertical supports in ladder and 10mm x 6mm size for steps complete in all respects as per the direction of the engineer.	R.mt	1.00	1,032.15	1,032.15
I-3	RA	Providing & fixing P.V.C water stopper 150mm wide and 6mm thick corrugated with centre bulb for insertion for construction joints in R.C.C. works complete in all respects as per the direction of the engineer.	R.mt	27.50	278.25	- 7,651.88
						-
I-4	15627	Providing & fixing M.I. fisher union for wash basin and sinks , 32 mm dia	Each	21.00	218.00	4,578.00
						-
I-5	15635	Providing and fixing toilet paper holder : holder : a)CP brass	Each	20.00	1,385.00	27,700.00

						-
I-6	15637	Providing & fixing soap dish chromium plated with brackets fixed to wooden cleats with CP brass screw.	Each	3.00	873.00	2,619.00
						-
I-7	15673	Providing & fixing G.I. pipes complete with G.I. fittings including trenching & re-filling etc. (external work).				-
		80 mm nominal bore	Mt.	20.50	623.00	12,771.50
						-
I-8	15675	Making connection of G. I. Distribution branch with G. I. Main 50 mm to 80 mm nominal bore by providing and fixing tee including treading the pipe etc. complete	Each	1.00	840.00	840.00
						-
I-9	15676	Fixing water meter & stop cock in G.I Pipe line including cutting & treading the pipe and making long screw etc. complete (cost of water meter and stop cock to be paid seperately)	Each	1.00	465.00	465.00
						-
I-10	15691	Providing and laying cement concrete 1:5:10 (1 cement :5 fine sand :10 graded stone aggregate 40 mm nominal size upto haunches of s.w. pipes including bed concrete 15cm thick as per standard design :				-
		100 mm diameter S.W. pipe.	R.mt	12.20	678.00	8,271.60
		150 mm diameter S.W. pipe	R.mt	9.80	745.00	7,301.00
						-
I-11	15692	Providing and fixing square-mouth S.W. gully trap grade 'A' complete with c.i. grating brick masonry chamber and water tight C.I. cover with frame of 300 x 300 mm size (inside the weight of cover to be not less than 4.53 kg). And frame to be not less than 2.72 kg as per standard design :				-
		150 x 100 mm size –P or S type	Each	10.00	2,977.00	29,770.00

						-
I-12	15695	Constructing brick masonry manhole or inspection chamber with second class bricks in cement mortar 1:5 (1 cement :5 fine sand) R.C.C. top slab with 1: 1 1/2:3 mix (1 cement: 1 1/2 coarse sand ;3 graded stone aggregate 20mm nominal size foundation concrete 1:1 1/2:3 mix (1 cement ;1 1/2 coarse sand :8 graded stone aggregate 20mm nominal size) inside plastering 12 mm thick with cement mortar 1:3 (1 cement :3 coarse sand) finished with a floating coat of neat cement and making channels in cement concrete 1:2:4 mix (1 cement :2 coarse sand :4 graded stone aggregate 20 mm nominal size) neatly finished complete as per standard design.				-
		Inside size 1.2m x 90 cm and 90cm deep including C.I. cover with frame (medium duty) 500 mm internal diameter total weight of cover and frame to be not less than 116 kg. (weight of cover 58 kg).	Each	9.00	25,243.00	2,27,187.00
						-
I-13	15704	Making soak pit. 2.5 m dia 3 m deep with 45x45 cm dry brick honey comb shaft and S.W. drain pipe 100 mm diameter, 1.8 m long complete filled with laterite stone aggregate 125 to 180 mm surrounded by laterite stone aggregate of 40 mm and down gauge as per standard design.	Each	2.00	36,210.00	72,420.00
I-14	15707	Providing and fixing rigid PVC S.W.W. (soil, waste & rain water drainage pipes of approved including lubricant etc. complete (single/double) socketed:				- -
		110 mm dia	R.mt	513.00	295.00	1,51,335.00

		75 mm dia	R.mt	469.00	157.00	73,633.00
						-
I-15	15709	Providing and fixing rigid PVC bend (approved make) for S.W.R. pipes including lubricating etc complete bend with door :				-
		100 mm dia	Each	12.00	215.00	2,580.00
		75 mm dia	Each	13.00	150.00	1,950.00
						-
I-16	15711	Providing and fixing single Tee of rigid PVC (approved make) for S.W.R. pipes including lubricating etc complete, with door :				-
		110 mm dia	Each	4.00	571.00	2,284.00
		75 mm dia	Each	7.00	260.00	1,820.00
						-
I-17	15712	Providing and fixing single “Y” of rigid PVC (approved make) for S.W.R. pipes including lubricating etc complete, without door :				-
		110 mm dia	Each	8.00	175.00	1,400.00
		75 mm dia	Each	7.00	115.00	805.00
						-
I-18	15713	Providing and fixing single “Y” of rigid PVC (approved make) for S.W.R. pipes including lubricating etc complete, with door :				-
		110 mm dia	Each	7.00	197.00	1,379.00
		75 mm dia	Each	5.00	127.00	635.00
						-
I-19	15717	Providing and fixing U.P.V.C. pipe clips (approved make) for S.W.R. pipes :				-
		110 mm dia	Each	193.00	40.00	7,720.00
		75 mm dia	Each	164.00	31.00	5,084.00
						-
I-20	15751	Providing and fixing chlorinated ploy vinyl chloride (CPVC) pipes confirming to IS:15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipes with clamps at 1 mt. spacing. This includes jointing of pipes and fittings with one step CPVC				-

		solvent cement and testing of joints complete as per direction of the Engineer. Internal work exposed on wall (Medium duty SDR 13.5 pipe).				
		32 mm outer dia CPVC pipe	R.mt	139.00	407.00	56,573.00
		50 mm outer dia CPVC pipe	R.mt	202.00	797.00	1,60,994.00
						-
I-21	15752	Providing and fixing chlorinated ploy vinyl chloride (CPVC) pipes confirming to IS:15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipes with clamps at 1 mt. spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement and testing of joints complete as per direction of the Engineer. Concealed work (medium duty SDR 13.5 pipe) including cutting chases and making good the walls etc.				-
		15 mm dia nominal outer dia pipes.	R.mt	45.00	201.00	9,045.00
		20 mm dia nominal outer dia pipes.	R.mt	128.00	255.00	32,640.00
		25 mm dia nominal outer dia pipes.	R.mt	176.00	329.00	57,904.00
						-
I-22	15753	Providing and fixing chlorinated polyvinylchloride (CPVC) pipes confirming to IS: 15778having thermal stability for hot and cold watersupply includng all CPVC plain and brassthreaded fittings CPVC solvent cement,trenching, refilling and testing of joints completeas per firectionof the Engineer incharge.(External work (heavy duty SDR 11 pipe)				-
		25 mm nominal outer dia pipes.	R.mt	49.00	286.00	14,014.00
		32 mm nominal outer dia pipes.	R.mt	27.00	417.00	11,259.00
						-

I-23	15601	Proving and fixing white vitreous china water closet squatting pan (Indian type w.c. pan) size 580 mm with 100 mm sand cast iron P. or S trap 10 litres high level P.V.C. flushing cister (of approved make) with fittings, rack bolts 32 mm diameter P.V.C telescopic flush pipe with fit tings and clamps 25mm P.V.C. over flow pipe with specials & mosquito proof coupling of approved municipal design and nylon pull complete cutting and making good the walls and floors where required.				
		Orissa pattern W.C. pan	Each	4.00	6,912.00	27,648.00
						-
I-24	15602	Proving and fixing white vitreous china water closet squating (European type w.c. pan) with seat and lid, C.P. brass hinges and rubber buffers 10 lts. High level P.V.C.. flushing cistern (of approved make) with fittings, rack bolts 32 mm diameter P.V.C. telescopic flush pipe with fit tings and clamps 25mm P.V.C.. over flow pipe with specials & mosquito proof coupling of approved municipal design and nylon. chain and pull complete, cutting and making good the walls ad floors where required.				
		W.C. pan with white plastic seat and lid.	Each	26.00	7,925.00	2,06,050.00
						-

I-25	RA	Providing and fixing white vitreous china flat back lipped front urinal basin of 590 x 390 x 375 mm size respectively, cutting and making good the walls and floors where required. including Supplying & Fixing Sensor concealed type of Stainless steel of approved brushed S.S finish / matt S.S finish and approved make and brand for flushing valve for urinal complete set with installation box with control cock .etc complete. as per the direction of engineer.	Each	12.00	14,852.59	1,78,231.08
						-
I-26	RA	Providing and & fixing white viterous oval shaped wash basin (approved make and brand) of 550 X 400 mm size (22" x 16") placed fixed at the top of granite / marble slab (granite/marble measured and paid separately) including cutting as per the shape of wash basins to the granite / marble slab so as to fix / place oval shaped with all accesories and making good. including Providing and fixing brass body nickle chrome plated sensor faucet for wash basin compete with control box (battery operated) etc complete. As per the direction of Engineer	Each	37.00	19,997.36	7,39,902.32
						-
I-27	RA	Providing & fixing S.S. sink. Size 24" X 18" (600mm x 450mm) of approved make and type, 1.2mm thick of approved make and brand including C.P. fittings, 32 mm C.P waste coupling, angle stop cock. including all fitting cuting granite and making good	Each	4.00	10,732.20	42,928.80

		the walls etc. complete. including sealing of edges with sealant. as per the direction of engineer.				
						-
I-28	RA	Providing and fixing brass body nickle chrome plated angular stop cock with wall flange etc. complete as per the direction of the Engineer.	Each	69.00	2,071.83	1,42,956.27
						-
I-29	RA	Providing and fixing brass body nickle chrome plated 2 way bib cock with wall flange size 15mm NB etc. complete as per the direction of the Engineer.	Each	30.00	3,101.16	93,034.80
						-
I-30	RA	Providing and fixing brass body nickle chrome plated hand shower (health faucet) with 1metre chrome pated flexible tube with wall hook etc. complete as per the direction of the Engineer.	Each	30.00	3,439.88	1,03,196.40
						-
I-31	RA	Providing and fixing brass body nickle chrome plated concealed stop cock with adjustable valve. Size 15mm NB. etc. complete as per the direction of the Engineer.	Each	30.00	2,616.67	78,500.10
						-
I-32	RA	Providing and fixing brass body nickle chrome plated single lever wash basin mixer with pop up waste system and 450 mm long breaded hose. etc. complete as per the direction of the Engineer.	Each	37.00	9,134.51	3,37,976.87
						-
I-33	RA	Providing and fixing brass body nickle chrome plated bib cock long threaded. With wall flange confirming to IS 8931;1993	Each	4.00	3,172.62	12,690.48
						-

I-34	RA	Providing and fixing Bronze metal ball valves half turn of approved quality and make etc. complete. with pressure rating up to 20 bars.				-
		ball valves 20mm dia	Each	4.00	836.38	3,345.52
		ball valves 25mm dia	Each	4.00	1,193.09	4,772.36
		ball valves 32mm dia	Each	7.00	2,012.57	14,087.99
		ball valves 40mm dia	Each	4.00	3,056.89	12,227.56
		50 mm nominal bore .	Each	4.00	4,213.71	16,854.84
						-
I-35	RA	Providing and fixing brass float valves with pvc balls				-
		32 mm dia	Each	2.00	546.97	1,093.94
		25 mm dia	Each	2.00	546.97	1,093.94
						-
I-36	MSR 2022-23 4-2-3	Supplying and erecting G.I pipe 25 mm dia B class with resin bonded flap rock wool/glass wool insulation, with necessary material as per specification no. (ESD-HWP/TGP).	R.mt	12.20	467.00	5,697.40
						-
I-37	RA	Supply & installation of pump as per following specification:- 1 pump set, comprising of 2 pumps (1 working, 1 standby). no pump capacity of 3 LPS @ 3 bars & to have isolation valve at suction & discharge. NRV at discharge. Pressure gauge at suction & discharge. Suction & discharge manifold. Control panel with auto changeover dry run. And over flow protection. All mounted on common base frame. etc complete as per the direction of engineer.	Set	1.00	1,55,466.27	1,55,466.27
						-
I-38	RA	Air release brass valves of size 20mm dia (1/2"). Confirming to ASTM Standard. Complete.	Each	11.00	286.48	3,151.28
						-
I-39	RA	Activated carbon filter assembly for installation above septic tank.	set	1.00	4,452.21	4,452.21
						-

I-40	RA	Providing and fixing of deep seal PVC multifloor trap of size 110 X 75 mm and 125 mm height	Each	39.00	143.70	5,604.30
						-
I-41	RA	Providing and fixing stainless steel cockroach trap with grating, 150 X 150 mm for above(Approved brand and make) including sealing of edges with white cement and accessories etc. complete as per the direction of engineer.	Each	39.00	505.59	19,718.01
						-
I-42	RA	Providing and fixing 20mmm thick jet black polish granite slab (Both side polished) to urinal partition fixed to wall / masonry with cement including making good the wall / floor etc. complete as per directions of Engineer.	Sq.m	7.00	4,830.47	33,813.29
						-
I-43	RA	Providing and fixing 300 X 600 mm long medium duty ductile iron grating complete as per the direction of engineer.	Each	5.00	1,767.16	8,835.80
						-
I-44	RA	Providing and fixing air admittance valves for installation in all the drainage risers complete as per the direction of engineer.	Each	7.00	5,042.18	35,295.26
						-
I-45	RA	Providing and fixing grab rod of 600mm long for handicapped toilet including necessary fixtures and fittings etc. complete	Each	3.00	1,900.50	5,701.50
						-
I-46	RA	Providing and fixing grab bar of U shape for handicapped toilet including necessary fixtures & fittings complete	Each	3.00	6,402.90	19,208.70
						-
I-47	RA	Providing, fixing and fabricating mirror in toilet with 12mm thick plywood (marine) backing to 6mm thick mirror of approved make. Wooden moulding of 36mm x 19mm (teak wood	Sq.m	37.95	3,901.21	1,48,047.33

		curved moulding) an edges and french polishing to all exposed surfaces moulding including all accesories etc. complete.				
						-
		TOTAL COST				**34,58,289.02**
						-
		X MISCELLANEOUS				-
J1	18016	Providing preconstruction anti – termite treatment to the buildings conforming to I.S.S. 6113 part II 1971 (revised) including adopting the precautions for health hazards and safety measures as mentioned therein with the cost of all materials chemicals, plants, equipments etc. required for the treatment and furnishing a guaranty for a minimum period of 10 years from the date of completion including eradicating any infestation of termite free of cost during the guaranty period complete. The payment will be made on plinth of the building.				-
		Preconstruction	Sq.m	1572.48	82.00	1,28,943.36
		Post construction	Sq.m	438.20	88.00	38,561.60
						-
J2	RA	Providing and fixing Fiber mesh of 15mm thickness approved quality joints portion of RCC structures and masonry portion after filling the gaps with appropriate materials like katka, waterproofing chemicals U nails etc.including necessary scaffolding etc. complete so as to have crack free cement plaster surface.	Sq.m	1521.38	47.58	72,387.26
						-
		TOTAL COST				**2,39,892.22**
						-
		XI ROADWORK				-

K1	14009	Construction of subgrade and earthen shoulders with approved material obtained from borrowpits with all lifts and leads, transporting to site, spreading, grading to required slope and compacted to meet requirement of Table 300-2 as per MORTH Specification 305	Cum	72.69	559.00	40,633.71
						-
K2	14012	Preparation of Sub-grade by excavating earthwork in formed embankement/side shoulders to the following average depth of 22.5 cms, dressing to camber and consolidating with power road roller including making good the undulations etc and disposal of surplus earth with leadd upto 50 mts and lift upto 1.5 mts in ordinary or hard soil	Sqm	674.72	55.00	37,109.60
						-
K3	14028	Supplying of laterite stone soling of size 150-200 mm size and murrum having P.I. Value not more than 6 and laying including packing with smaller stones and consolidation with power road roller including spreading, watering and consolidation of binding material etc.(Measurements shall be considered on finished item) .	Cum	69.66	1,867.00	1,30,055.22
						-
K4	14044	Cleaning existing WBM road surface including removing of binding material and other foreign matter with wire brushes and small picks, sweeping with brooms or soft brushes and finally dusting with old gunny bags and/or compressed air to receive bituminous treatment etc. complete	Sq.m	985.26	22.00	21,675.72
						-

K5	14142	Providing and fixing weepholes with rigid PVC make laid in position with a required slope and level while layingpipes of approved the concrete o retaining wall.wing wall and earth retainig structure complete as directed by the Engineer in charge				-
		110 dia	R.m	203.37	363.00	73,823.31
						-
K6	14149	Providing and laying 60 mm thick factory made cement concrete interlocking paver block of M30 grade made by heavy duty block making machine with strong vibratory compaction and of approved size and design /shape laid in 50 mm thick compacted bed of course sand , filling the joints with coarse sand etc all complete as per the direction of Engineer				-
		Red	Sq.m	439.05	25.00	10,976.25
		Yellow	Sq.m	1024.44	50.00	51,222.00
						-
						-
K8	RA	Providing and laying Polythene sheet of approved quality and specification with proper overlaping jointing sheet with adhesive and laying over W.B.M surface for concrete road so as to prevent any seepage of cement slurry etc. complete. The work has to be carried out as per the direction of the Engineer	Sq.m	1555.06	48.78	75,855.83
						-
K9	RA	Providing and laying un-reinforced, dowel jointed, plain cement concrete pavement (P.Q.C.) over a prepared sub base with minimum concrete grade M30 and guaranteed flexural strength greater than 30 Kg/cm2 with 43 grade cement , coarse and fine aggregate conforming to	Cum	42.50	9,035.50	3,84,008.75

		IS 383, maximum size of coarse aggregate not exceeding 25 mm, mixed in a batching and mixing plant as per approved mix design, transported to site, laid with a fixed form or slip form paver, spread, compacted and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints, joint filler, separation membrane, sealant primer, joint sealant, debonding strip, dowel bar, tie rod, admixtures as approved, curing compound, finishing to lines and grades as per specifications and drawing .				
						-
K10	RA	Providing, laying and fixing with heavy duty non pressure NP3 class RCC pipe 400mm dia with cement mortar 1:2 (1 cement: : 2 fine sand) in joints including cost of joining material etc.	R.m	40.00	5,746.98	2,29,879.20
						-
K11	14140	Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising; glass beads @ 250 gms per sqm area, thicknes's of 2.5 mm is exclusive of surface applied glass beads as per IRC : 35. The finished surface to be level uniform and free from streaks and holes as per MORTH Specification 803	Sq.m	48.51	469.00	22,751.19
						-
K-12	6101	Pre-cast cement concrete kerb-stones(factorymade) of M-20 with 20 mm nominal size granitic/basaltic aggregate properly consolidated by mechanical plat-form and vibrators with smooth finish including fixing at site complete as per specification.	R.m	348.32	701.00	2,44,172.32

		Size 30 cm L x 40 cm H x 15 cm T				-
						-
K-14	6106	Supplying and fixing of Factory made Precast RCC slabs at site in concrete Grade of M-25 with 20 mm nominal size Granitic or basaltic aggregate, consolidated by means of mechanical platform, vibration etc. with lifting hooks of M.s. 10mm bars and PVC cups including cost of reincforcement, Certificate from manufacturer shall be produced indicating grade of concret and minimum content of steel, in the product along with 5 year free replacement warranty in case of breakage complete and as directed by Engineer -in – charge.				-
		Size 900 x 400 x 100 mm with steel reinforcement not less than 5.0 kgs per unit -12 T capacity	Each	115.00	1,017.00	1,16,955.00
						-
		TOTAL COST **XII LANDSCAPING**				**14,39,118.10** - -
L1	13003	Fine dressing the trenched ground.	Sq.m	2356.19	275.00	6,47,952.25
						-
L2	13004	Spreading of sludge, dung manure or/and good earth in required thickness (cost of sludge, dung manure or/and good earth to be paid separately).	Cum	235.62	74.00	17,435.88 -
L3	13105	Turfing lawns with fine grassing including ploughing , dressing including breaking of clods , removal of rubbish, dressing and supplying doob grass roots at 10 cm apart including supplying and spreading of farmyard manure at rate of 0.6 cum per 100 sqm as per MORTH specification 307	Sq.m	2356.19	150.00	3,53,428.50
						-

L4	13106	Maintenance of lawns with fine grassing for the first year including watering, etc.as per MORTH Specification 307	Sq.m	2356.19	252.00	5,93,759.88
						-
L5	RA	Planting permanent hedges including digging of trenches, 60 cm wide and 45 cm deep, refilling the excavated earth mixed with farmyard manure,supplied at the rate of 4.65 cum per 100 metre and supplying and planting hedge plants at 30 cm apart as per MORTH Specification 307				-
		Planting Permanent hedges including digging of Trenches	R.m	236.52	443.10	1,04,802.01
		Maintenance of hedge for one year	R.m	709.55	145.95	1,03,558.82
						-
L6	RA	Planting and Maintaing of Flowering Plants and shrubs as per MORTH Specification 307				-
		Planting flowering plants and shrubs in central verge	K.M.	0.24	1,35,179.10	32,442.98
		Maintenance of flowering plants and shrubs in central verge for one year	K.M.	0.71	1,38,403.65	98,266.59
						-
L7	RA	Supply at site of work/store-deoiled neem cake duly packed in used gunny bags as per MORTH Specification 308.2	Qtls	4.71	660.45	3,110.72
L8	RA	Supplying of sludge duly stacked at site/store as per MORTH specification 308.2	Cum	235.62	423.15	- 99,702.60
						-
L9	RA	Supplying and stacking of good earth at site including royalty and carriage upto 20 km. (earth measured in stacks will be reduced by 20% for payment).	Cum	353.43	661.56	2,33,815.15
						-
		TOTAL COST				**22,88,275.38**
						-

M		**XIV TRANSFORMER, GENERATOR AND UPS,SUBSTATION**				-
						-
M1	MSR (22-23) 10-1-10	Supplying, installing, testing & commissioning 3 phase, 11/0.433 kV, 50 Hz., 630 kVA, oil immersed and naturally cooled outdoor type, copper wound transformer, delta/star connected additional neutral brought out on load side, temperature rise should not exceed 40oC by thermometer in oil and 45oC by the resistance in winding at full load rating, with HV tapping (with off load tap changer) off load +5 to -10 in steps of 2.5%, with standard accessories complete with test certificate with losses below 1860 Watts at 50% load, 5300 Watts at 100% load as per IS:1180 - 2014 energy efficiency level II with necessary permissions of Electrical Inspector, as per specification no SS- TR.	Each	1.00	13,47,196.00	13,47,196.00
						-
M2	MR RA 01	Supplying, Erecting and Commissioning of Diesel generating set with alternator of **625 KVA** output continuous rating, 3 Phase, 415V, 50c/s 0.8 p. f. A.C a totally enclosed water cooled multi cylinder diesel engine developing suitable BHP at 1500 rpm with 10% overload for 1 hour in 24 hours with a separate AMF panel, standard accessories , self excited self regulated ,screen protected alternator with static excitation system running at 1500 RPM as per IS 4722-1968 with voltage regulation +/-5%. Both the engine and the alternator direct coupled on a common fabricated steel	Each	1.00	52,79,889.30	52,79,889.30

		base plate with anti vibratring pad with control panel comprising of standard Meters, switchgear ,indicators connected with suitable wire / cables. The complete set enclosed in Acoustic enclosure made of 18 SWG CRCA Sheet, sound absorbing material ,Rockwool covered from inside with 3/4 mm holes perforated sheet to restrict sound level upto 75 dB at 1.0 mtr. The engine with first filling of oil, diesel etc.obtaining necessary approval from Electricity Inspector as per specification.AMF panel with 2 Air circuit breakers(EDO) type 4 Pole.				
						-
M3	MR RA 02	Supplying & erecting On line **20KVA UPS** of Three phase Input and three Phase Output, Micro Processor based Diagnostics , DSP based rectifier & inverter Controls,built- in P.F. controller & Synchronised static Switch, SMF Batt. Mounted on a batt.stand to provide **30 Min.Backup time.**	Each	1.00	5,44,164.60	5,44,164.60
						-
M4	MR RA 03	Supplying & erecting On line **15 KVA UPS** of Three phase Input and three Phase Output, Micro Processor based Diagnostics , DSP based rectifier & inverter Controls,built- in P.F. controller & Synchronised static Switch, SMF Batt. Mounted on a batt.stand to provide **30 Min.Backup time.**	Each	1.00	4,94,471.25	4,94,471.25
						-
M5	MSR (22-23) 3-7-7	Supplying & erecting On line UPS pure sine wave of 10 kVA capacity complete with standard features,along with necessary tubular batteries for onr hour battery backup, as per specification No. AP-UPS	Each	1.00	1,94,335.00	1,94,335.00
						-

M6	MSR (22-23) 3-7-3	Supplying & erecting On line UPS pure sine wave of 3 kVA capacity complete with standard features,along with necessary tubular batteries for onr hour battery backup, as per specification No. AP-UPS	Each	1.00	49,181.00	49,181.00
						-
M7	MR RA 04	Supply,installation ,testing and comissioning of 11KV 630A, 21KA/3sec 2nos Load break Switch & 1no. VCB) SafeLink SF6 Insulated Outdoor RMU , non-extensible along with cable terminal boots on necessary foundation.	Each	1.00	5,10,447.00	5,10,447.00
						-
M8	MR RA 04	Supplying, erecting, testing, commissioning of outdoor type 11 KV H.T. metering cubical with HT meter as per GEB approved fabricated with 2mm.(14 SWG). M.S.sheets with supporting angle and channel, painted with powder coating provided with necessary CTs and PTs and completely erected as per Goa Electricity department.	Each	1.00	2,34,303.30	2,34,303.30
M9	MR RA 05	LT Check Meter Supply, fabrication, Erection, testing and commissioning of wall mounted enclosure with frame of M.S channel dully painted, fabricated of 14 swg CRCA sheets completely derusted, chemically treated and powder coated with approved shade and having following items - L.T. Current Transformer with bar primary 50/5 to 1000/5 ratio .with 15VA burden erected in CRCA box duly secured with insulating materials connected to the LT checkmeter and other accessories with test certificates and control wiring to the transformer.	Each	1.00	23,709.00	23,709.00

		TOTAL COST				**86,77,696.45**
N		**XV EARTHING**				
N1	GSR (2023) 8005	Earthing with **G.I earth plate 600mm X 600mm X 6mm thick** i/e accessories and providing masonry enclosure with cover plates having locking arrangement and watering pipe etc (but without charcoal or coke and salt) complete as required as per the Earthing Drawing provided by the Engineer - Incharge.				
	8005(b)	(b) **In rocky strata**	Set	8.00	10,403.00	83,224.00
						-
N2	GSR (2023) 8006	Earthing with **Copper earth plate 600mm X 600mm X 3mm thick** i/e accessories and providing masonry enclosure with cover plates having locking arrangement and watering pipe etc (but without charcoal or coke and salt) complete as required as per the Earthing Drawing provided by the Engineer - Incharge.				-
	8006(b)	(b) **In rocky strata**	Set	3.00	19,209.00	57,627.00
						-
N3	GSR (2023) 8007	**Extra for charcoal and salt** for GI plate or copper plate earth electrode as required	Set	20.00	1,861.00	37,220.00
						-
N4	GSR (2023) 8018	Providing and fixing **25 mm X 5 mm G.I. strip** on surface or in recess for earth connection etc. as required.	Mt	356.00	281.00	1,00,036.00
						-
N5	GSR 8017	Providing and fixing 25 mm x 5 mm copper strip on surface r in recess for coneections etc. as required	Mt	196.00	355.00	69,580.00 -

N6	GSR (2023) 8019	Providing and fixing **6 SWG dia G. I wire** on surface or in recess for loop earthing as required.	Mt	596.00	80.00	47,680.00
						-
		TOTAL COST				**3,95,367.00**
						-
O		**XVI CABLES, TERMINATIONS**				-
O1	GSR (2023) 11005	Supply of 3.1/2 core armoured' PVC insulated, PVC sheathed aluminium conductor cable of 1.1 KV grade with ISI mark conforming to IS:1554(Part 1),IS:7098(Part 2) with latest amendments of following size.				-
(a)	11005 (1)	3 1/2 Core 25 sq.mm	Mt	62.00	348.00	21,576.00
(b)	11005 (3)	3 1/2 Core 50 sq.mm	Mt	10.00	560.00	5,600.00
(c)	11005(5)	3 1/2 Core 95 sq.mm	Mt	56.00	965.00	54,040.00
(d)	11005(8)	3 1/2 Core185 sq.mm	Mt	351.00	1,078.00	3,78,378.00
(e)	11005(9)	3 1/2 Core 240 sq.mm	Mt	163.00	2,254.00	3,67,402.00
						-
O2	RA	Laying of one number PVC insulated and PVC sheathed/XLPE power cable of 1.1 KV grade of size exceeding 120 sq.mm but not exceeding 400 sq.mm direct in soily/rocky ground including excavation in the form of a trench as per Cable Trench Drawing provided by the Engineer-Incharge,sand cushioning with screened sand bed of 20mm thick , protective covering with bricks placed lenghtwise on top of cable all over the run and backfilling the excavated earth without stones or hard material and making the surface proper with 15 cm crown on the top complete as required.	Mt	123.00	150.15	18,468.45
						-

O3	GSR (2023) 12011	Laying of one number PVC insulated and PVC sheathed/XLPE power cable of 1.1 KV grade of size not exceeding 25 sq.mm on surface, etc. complete as required	Mt	117.00	88.00	10,296.00
						-
O4	GSR (2023) 12012	Laying of one number PVC insulated and PVC sheathed/XLPE power cable of 1.1 KV grade of size exceeding **25 sq.mm but not exceeding 120sq.mm on surface**, etc. complete as required.	Mt	66.00	135.00	8,910.00
						-
O5	GSR (2023) 12013	Laying of one number PVC insulated and PVC sheathed/XLPE power cable of 1.1 KV grade of size exceeding 120sq.mm but not exceeding 400 sq.mm on **surface**, etc. complete as required.	Mt	142.00	138.00	19,596.00
						-
O6	RA	Laying of one number additional PVC insulated and PVC sheathed/XLPE power cable of 1.1 KV grade of size not exceeding 25 sq.mm direct in soily/rocky ground in the same trench in one tier horizontal formaion including excavation in the form of a trench as per Cable Trench Drawing provided by the Engineer-Incharge,sand cushioning with screened sand bed of 20mm thick , protective covering with bricks placed lenghtwise on top of cable all over the run and backfilling the excavated earth without stones or hard material and making the surface proper with 15 cm crown on the top complete as required.	Mt	39.00	91.35	3,562.65
						-
O7	RA	Laying of one number additional PVC insulated and PVC sheathed/XLPE power cable of 1.1 KV grade of size not exceeding 120 sq.mm but not	Mt	315.00	98.70	31,090.50

		exceeding 400 sq.mm direct in soily/rocky ground in the same trench in one tier horizontal formaion including excavation in the form of a trench as per Cable Trench Drawing provided by the Engineer-Incharge,sand cushioning with screened sand bed of 20mm thick , protective covering with bricks placed lenghtwise on top of cable all over the run and backfilling the excavated earth without stones or hard material and making the surface proper with 15 cm crown on the top complete as required.				
						-
O8	GSR (2023) 11013	Supply of 4 core armoured PVC insulated P.V.C. sheathed copper conductor cable of 1.1 KV grade with ISI mark conforming to IS:1554(Part 1),IS:7098(Part 2) with latest amendments of following size.				-
(a)	11013(3)	(3) 4 Core 4 sq .mm	Mt	616.00	413.00	2,54,408.00
						-
O9	GSR (2023) 11015	Supplying of following size of 3 core , HV, 11 KV grade ,ISI mark, XLPE cable with stranded compact circular aluminium conductor, conductor screened with extruded semiconducting compound,XLPE insulated, insulation screned with extruded semiconducting compound in cobination with copper tape(.3 KA for 1 Sec)cores laid of,inner sheath of PVC tape, galvanised steel flat strip armoured and over all PVC sheathed cable conformed to IS:7098(Part 2) with latest amendments.				-
	11015(4)	(4) 3 Core 95 sq.mm	Mt	43.00	1,540.00	66,220.00
						-

O10	GSR (2015) derived 09	Laying of one number PVC insulated and PVC sheathed/XLPE power cable of grade exceeding 1.1 KV but not exceeding 11 KV grade of size not exceeding 120 sq.mm direct in ground including excavation in soily/rocky in the form of a trench as per Cable Trench Drawing provided by the Engineer-Incharge,sand cushioning with screened sand bed of 20mm thick , protective covering with bricks placed lenghtwise on top of cable all over the run and backfilling the excavated earth without stones or hard material and making the surface proper with 15 cm crown on the top complete as required.	Mt	31.00	136.50	4,231.50
						-
O11	GSR (2023) 13006	Laying of one number PVC insulated and PVC sheathed/XLPE power cable of grade exceeding 1.1 KV but not exceeding 11 KV grade of size not exceeding 400 sq.mm direct in the existing masonry open duct. complete as required	Mt	12.00	79.00	948.00
						-
O12	GSR (2023) 14003	Supplying and making **cable end terminations with brass compression gland and copper lugs** for following sizes of 3 1/2 core PVC insulated PVC sheathed/XLPE aluminium conductor cable of 1.1KV grade, complete as required.				-
						-
(a)	14003 (1)	3 1/2 Core 25 sq.mm	Each	3.00	389.00	1,167.00
(b)	14003 (3)	3 1/2 Core 50 sq.mm	Each	1.00	535.00	535.00
(c)	14003 (5)	3 1/2 Core 95 sq.mm	Each	2.00	818.00	1,636.00
(d)	14003 (8)	3 1/2 Core185 sq.mm	Each	12.00	1,676.00	20,112.00

(e)	14003 (10)	3 1/2 Core 240 sq.mm	Each	3.00	2,132.00	6,396.00
						-
O13	GSR (2023) 14004	Supplying and making cable **end terminations with brass compression gland and copper lugs** for following sizes of 4 core PVC insulated PVC sheathed/XLPE aluminium conductor cable of 1.1KV grade, complete as required.				-
(a)	14004 (2)	**4 x 4 Sq.mm.**	Each	53.00	284.00	15,052.00
(a)	14004 (4)	**4 x 10 Sq.mm.**	Each	2.00	296.00	592.00
						-
O14	GSR (2023) 15004	Supplying and making **outdoor cable** end termination with heat shrinkable kit for following sizes of PVC insulated PVC sheathed/XLPE aluminium conductor cable upto11 KV grade,complete as required.				-
(a)	15004 (b)	11 KV, 3 Core x 50 - 95 sq.mm	Each	1.00	29,142.00	29,142.00
						-
O15	GSR (2023) 15003	Supplying and making **indoor cable** end termination with heat shrinkable kit for following sizes of PVC insulated PVC sheathed/XLPE aluminium conductor cable upto11 KV grade,complete as required.				-
(a)	15003 (b)	11 KV, 3 Core x 50 - 95 sq.mm	Each	5.06	18,732.00	94,783.92
						-
O16	GSR (2023) 2003	Supplying & drawing following sizes of FR PVC insulated copper conductor cable in the existing surface/ recessed steel conduit including dismantling, removing old wires as required.				-
(a)	2003 (17)	8 x 2.5 sqmm	Mt	35.00	391.00	13,685.00
						-

O17	GSR (2023) 3001	Supplying and fixing of following sizes of steel conduit alongwith accessories in surface/ recess including painting in case of surface conduit or cutting the wall and making good the same in case of recessed conduit as required.				-
(a)	3001(d)	40 mm	Mt	32.00	738.00	23,616.00
						-
O18	GSR (2023) 11007	Supply of 4 core armoured PVC insulated P.V.C. sheathed aluminium conductor cable of 1.1 KV grade with ISI mark conforming to IS:1554(Part 1),IS:7098(Part 2) with latest amendments of following size.				-
(a)	11007 (4)	4 Core 10 sq .mm	Mt	22.00	206.00	4,532.00
						-
O19	RA	Laying of one number PVC insulated and PVC sheathed/XLPE power cable of 1.1 KV grade of size not exceeding 25 sq.mm direct in soily/rocky ground including excavation in the form of a trench as per Cable Trench Drawing provided by the Engineer-Incharge,sand cushioning with screened sand bed of 20mm thick , protective covering with bricks placed lenghtwise on top of cable all over the run and backfilling the excavated earth without stones or hard material and making the surface proper with 15 cm crown on the top complete as required.	Mt	584.00	136.50	79,716.00
						-
		TOTAL COST				**15,35,692.02**
						-
P		**XVIII WIRING**				-
P1	GSR (2023) 1207	Wiring for circuit / submain wiring alongwith earth wire with the following size of FR PVC insulated copper conductor single core cable in the				-

		independed surface / recessed PVC conduit of appropriate size as required.				
(a)	1207(a)	(a) 2 x 1.5 sq.mm + 1 x 1.5 sq.mm earthwire (20mm Conduit)	Mt	139.00	248.00	34,472.00
(b)	1207(b)	(b) 2x2.5 sq.mm +1x2.5 sq.mm earth wire(20 mm Conduit)	Mt	7400.00	296.00	21,90,400.00
(c)	1207(c)	(a) 2x 4 sq.mm + 1x 4 sq .mm earth wire(20 mm Conduit)	Mt	705.00	366.00	2,58,030.00
(d)	1207(d)	(d) 2x6 sq. mm+ 1x6 sq.mm earth wire (20 mm Conduit)	Mt	429.00	485.00	2,08,065.00
(e)	1207(e)	(d) 2x10 sq. mm+ 1x10sq.mm earth wire (32mm Conduit)	Mt	9.00	687.00	6,183.00
(f)	1207(k)	(k) 4 x 10 sq.mm + 2 x 10 sq.mm earthwire (32mm Conduit)	Mt	266.00	1,228.00	3,26,648.00
(g)	1207(l)	(l) 4 x 16 sq.mm + 2 x 16 sq.mm earthwire (40mm Conduit)	Mt	330.00	1,872.00	6,17,760.00
						-
P2	GSR (2023) 1203	Wiring for light point / fan point /exhaust fan point/ call bell point with 1.5 sq.mm FR PVC insulated copper conductor single core cable in surface / recessed PVC conduit with modular switch, modular plates, suitable size modular GI box of specified Category and earthing the point with 1.5 sq.mm FR PVC insulated copper conductor single core cable etc. as required.				-
	1203 (c)	Group C -- with Cat A Modular Accessories	Poin t	331.00	1,496.00	4,95,176.00
						-
P3	GSR (2023) 4010	Supplying and fixing suitable size **modular GI box with modular plate and cover** in front on surface or in recess including providing and fixing **6 pin 15/16 A and 5/6 A modular socket outlet and 15/16 A modular switch** connection painting etc. as required.				-
	4010(a)	**Cat A**	Each	34.00	1,216.00	41,344.00
						-

P4	GSR (2023) 4009	Supplying and fixing suitable size **modular GI box with modular plate and cover** in front on surface or in recess including providing and fixing **3 pin 5/6 A modular socket outlet and 5/6 A modular switch** connection painting etc. as required. (For light points to be used in non residential buildings).				-
	4009(a)	**(a) Cat A**	Each	440.00	836.00	3,67,840.00
						-
P5	GSR (2023) 7142	Supplying and fixing **20A 240V SPN industrial type socket outlet with 2 pole and earth metal enclosed plug** top alon with **20A**, C series SP MCB in sheet steel enclosure in surface or in recess with chained metal cover for the socket outlet and complete with connections testing and commissioning etc. as required.				-
	7142 (a)	(a) Cat A	Each	20.00	3,148.00	62,960.00
						-
P6	GSR (2023) 1209	Wiring for **group controlled light point/ exhaust fan point call bell point with 1.5 sq mm FR PVC** insulated copper conductor single core cable in surface/ recessed PVC conduict and earthing the 1.5 sq mm FR PVC insulated copper conductor single core cable etc. as required.	Poin t	205.00	576.00	1,18,080.00
						-
		TOTAL COST				**47,26,958.00**
						-
Q		**XIX LIGHTS AND FANS**				-
Q1	RA	Supplying and erecting approved make surface soft light mirror optic square fitting suitable for 2 x 36 W compact fluo. lamp withwith Electronic ballast having pf >0.98 & THD<10, fixed on ceiling inclusive of lamp and other accessories.	Each	5.00	3,890.25	19,451.25
						-

Q2	RA	Supply, installation, earthing, testing and commisioning of 4 feet 36/40 W double decorative, surface mounted, mirror optic type fluorescent luminaire with electronic ballst complete with all accessories including 2 Nos.4 feet 36/40 W fluorecent tube. (b) Cat B	Each	220.00	3,053.40	- 6,71,748.00 -
Q3	RA	Supply, installation, earthing, testing and commisioning of 4 feet 36/40 W single box type flourescent luminaire with electronic ballast complete with all accessories including 4 feet 36/40 W flourescent tube.				-
		(a) Cat B	Each	55.00	951.30	52,321.50
Q4	RA	Supply, installation, earthing, testing and commisioning of luminaries suitable for 11 W CFL lamp,fixed on wall above mirror complete with all accessories including the lamp.	Each	143.00	625.80	- 89,489.40
						-
Q5	RA	Supply, installation, earthing, testing and commisioning of square type surface down lighter with reflector and glass cover suitable for CFL 2 x18 W with square type stainless steel border including Electronic Ballast having pf>0.98 and holder duly fixed in false ceiling with all accessories including the lamps.	Each	138.00	2,000.25	2,76,034.50
						-
Q6	MSR (22-23) 2-1-15	Supplying and erecting bulk head LED fitting max. 10W with high transitivity diffuser with system lumens output of min. 1100 lumens, min. efficacy of 110 lumen/W, CRI>80, CCT upto 6500K, Beam Angle of 120 deg., THD0.95, operating range of 140-260V, in built surge protection of 2.5 kV, Life class of 50,000 Hrs. at	Each	31.00	1,416.00	43,896.00

		L70B50, including driver, IP66, IK09 rated on provided PVC Block / wooden board with 3 years warranty.				
						-
Q7	MR RA 17	Supply and fixing of 50W Driveover light fittings.Bajaj BEWOL 50 PAR SS Wipro FDQ 46050 with lamps	Each	17.00	4,923.45	83,698.65
						-
Q8	MR RA 18	Supply, installation, testing and commisioning of 70 W MH lamp fitting for outdoor applications inclusive of lamp and other accessories as per the tender specifications.	Each	1.00	6,498.45	6,498.45
						-
Q9	MR RA 19	Supply, installation, testing and commisioning of updown lighter of 70W for column lighting with lamps and other accessories as per the tender specifications.	Each	4.00	18,680.55	74,722.20
						-
Q10	MR RA 20	Supply, installation, testing and commissioning of 4 x 28 W T5 FTL Light fittings including 4 no. of 28W T5 FTL lamps with necessary fixing arrangement.	Each	21.00	10,863.30	2,28,129.30
						-
Q11	MR RA 21	Supply, installation, testing and commisioning of wall uplighter lamp fittings inclusive of lamps and other accessories as per the tender specifications..	Each	1.00	14,927.85	14,927.85
						-
Q12	MR RA 22	Supply, installation, testing and commisioning of LED uplighter fittings incoperating green LEDs with all accessories as per the tender specifications.	Each	4.00	14,606.55	58,426.20
						-
Q13	MR RA 23	Supply, installation, testing and commisioning of 2 X 18W CFL suspended light fittings including the 2 no.s of 18W CFL lamps and other accessories with necessary	Each	8.00	4,659.90	37,279.20

		mounting arrangement with all accessories as per the tender specifications.				
						-
Q14	RA	Supplying , installation, earthing, testing and commisioning of 48 inch (1200 mm sweep) ceiling fan, double ball bearing type, including stepped type electronic fan regulator complete with all accessories.				-
		Cat A	No	179.00	2,320.50	4,15,369.50
						-
Q15	MSR (22-23) 2-10-6	Supplying and erecting air circulator 600 mm. sweep oscillating type, wall mounting 1440 RPM without speed regulator, overheat protection unit, totally enclosed, flame proof motor suitable for 230/250 volts single phase, 50 cycles A.C. supply, core lead wire and with moisture proof treatment to winding and with 'E' class insulation.	Each	8.00	6,915.00	55,320.00
Q16	GSR (2023) 16025	Supplying and erecting fan hook box (100 mm diaMeter or equivalent square size,75mm deep)fabricated out of 16 SWG sheet steel with 10m round bar hook bounded to RCC steel upto 50mm length protruding on each side of the box ,including painting with 2 coats of red oxide ,complete as required.	No	134.00	517.00	- 69,278.00
						-
Q17	MSR (22-23) 2-11-2	Supplying & fixing Anchor type fastener Fan hook, with 2 Nos of 10 mm dia x 75 mm long with necessary materials for Ceiling Fan.	No	44.00	103.00	4,532.00
						-
Q18	MSR (22-23) 2-11-6	Supplying and erecting 'B' class G.I .pipe / M.S. pipe down rod duly painted for fan complete erected with PVC three core	Mt	269.66	229.00	61,752.14

		flexible cable 1 sq. mm copper PVC wire.				-
Q19	RA	Supplying and erecting CFL Street light Suitable for two Nos. 36W CFL lamp with two individuals electronic ballast having pf > 0.98 & THD <10 on provided bracket including lamps.	Each	15.00	3,060.75	45,911.25
						-
Q20	MSR (22-23) 8-2-16	Providing & erecting 9 m high (clear height) galvanised octagonal pole with foundation bolts having bottom of 155 mm A/F, top 70 mm A/F on provided foundation as per specification no. OH-PL/OPL	Each	15.00	21,691.00	3,25,365.00
Q21	MSR (22-23) 2-7-2	Supplying and erecting Street light bracket made from 40 mm. dia 'B' class G I. pipe 1.0 m for each fitting in length welded to pole cap as per specification no. FG-BKT/BPC.	Each	15.00	736.00	- 11,040.00
						-
Q22	MSR (22-23) 16-3-8	Making M- 20 grade reinforced cement concrete foundation by considering the safe soil bearing capacity as 10 T/sq.m at 1.5 m depth including supply of steel, concrete, excavation, fixing provided nut bolts with the help of template, duly plastered as per design complete (for 3 to 5m octagonal / conical GI pole).	Each	15.00	3,060.00	45,900.00
						-
Q23	RA	Supply, installation, earthing, testing and commisioning of 9 inch (225 mm sweep) exhaust fan, 1400rpm, complete with all accessories.				-
		Cat A	Each	33.00	1,550.85	51,178.05
						-
Q24	GSR (2023) 16010	Supplying and Erecting of bulkhead luminaire suitable for CFL lamp complete with all				-

		accessories including 1 No 9/10 W CFL lamp.				
	16010 (b)	(b) CatB	No	4.00	1,657.00	6,628.00
						-
Q25	MR RA 27	Supply and fixing of bollard light fittings including one number of 18 W CFL lamp. Bajaj BRBOL 118 'D' type CFL 1 x 18W,Philips HCS370 1xPL-L18W GR 1x18W	Each	11.00	3,942.75	43,370.25
						-
Q26	MSR (22-23) 2-10-7	Supplying Pedestal fan 400 mm. 230 Volts 50 cycles oscillating type complete with guard and regulator 3 mtrs. of flexible wire and hand shield type 3 pin plug top and marking Sr. No. and date of erection.	Each	3.00	2,486.00	7,458.00
						-
Q27	RA	Supplying and erecting approved make recess soft light mirror optic square fitting suitable for 2 x 36 W compact fluo. lamp with Electronic ballast having pf >0.98 & THD<10, fixed in false ceiling inclusive of lamps.	Each	93.00	3,890.25	3,61,793.25
						-
Q28	RA	Supplying & erecting gate light fitting with glass bowl with 1x 18W CFL lamp including all accessories.	Each	1.00	1,221.15	1,221.15
						-
Q29	MSR (22-23) 7-8-10	Supplying & erecting FRP box of size **300 x 200 x 125 mm** ,2.7 mm thick complete on pole as per specification no. **CB-SB**.	Each	12.00	786.00	9,432.00
.						-
		TOTAL COST				**31,72,171.09**
						-
R		**XXI PANELS**				
R1	RA	**MAIN LT PANEL**	Set	1.00	4,11,861.45	411861.45

		Supply, fabrication, Erection, testing and commissioning of panel fully compartmentalised, floor mounted with frame of M.S channel duly painted, fabricated of 14 /16swg CRCA sheets completely derusted, chemically treated and powder coated with approved shade and as per SLD having following items:-				
		Incomer from Transformer				
		Air circuit breaker manually operated drawout type of 1000A, 500V, 3 pole with standard accessories on provided iron frames: 01 No.				
		Bus bar chamber with four aluminium bars, 500 V.1000 A. complete as per set 1 Meter				
		Outgoing				
		4 Pole MCCB upto 40A. with 25 kA SC rating :1 Nos				
		4 Pole MCCB upto 100A. with 25 kA SC rating :4 Nos				
		4 Pole MCCB of 160A. capacity with S.C. rating of 35 kA. : 01 No				
		4 Pole MCCB of 200A. capacity with S.C. rating of 35 kA. : 03 No				
		4 pole MCCB of 400A.capacity with S.C rating of 50KA ,thermal and magnetic setting with standard accessories on provided frames: 03 No.				
		Busbar Chamber - Aluminium busbar of 1200 A				
		Metering				
		Analog type moving iron voltMeter for A.C Voltage 0 to 500 V range, 50Hz, Accuracy class 1.5, flush type; on provided box / panel and connected with necessary PVC wire leads and lugs with selector switch.: 01 No				

		Analog type moving iron AmMeter for A.C current CT operated of suitable size in scale between 0 to 1000A, 500V accuracy class 1.5 , flush type on provided box /panel and connecting with 3 CTs of bar primary 1000/5 ratio 15VA burden with test certificates. and necessary PVC wire leads and lugs with selector switch.: 01 No				
		Digital frequency Meter of 3 digit LED display having 0 to 100 Hertz range suitable to operate on 500 V A.C. supply with necessary PVC wire leads and lugs and mounting hardware on provided panel complete with calibration certificate from manufacturer . 01 No L.T. Current Transformer with bar primary 50/5 to 1000/5 ratio .with 15VA burden erected in provided CRCA box duly secured with insulating materials connected to the Meter with test certificates.				
		2 sets of LED type indicating pilot lamp with LED colour RED ,YELLOW, BLUE, 230 / 250 V with total 6 control MCBs of 2 A.				
R2	RA	**SDB1**	Set	1.00	1,31,863.20	131863.20
		Supply, fabrication, Erection,Testing and commissioning of panel, fully compartmentallised, Floor mounted with M.S. Channel dully painted, fabricated of 14/16swg CRCA sheets completely derusted, chemically treated and powder coated with approved shade and as per SLD having following items:-				
		Incomer				
		4 Pole MCCB upto 400A. with 50 kA SC rating :01 No				

		Bus bar chamber triple pole with neutral with four aluminium bars, 500 V, 630 A.				
		Outgoing				
		4 Pole MCCB 40A. with 25 kA SC rating :04 No				
		4 Pole MCCB 63A. with 25 kA SC rating :05 No				
		4 Pole MCB 32A. 01 No				
		Metering				
		Analog type moving iron voltMeter for A.C Voltage 0 to 500 V range, 50Hz, Accuracy class 1.5, flush type; on provided box / panel and connected with necessary PVC wire leads and lugs with selector switch :01 No.				
		Analog type moving iron AmMeter for A.C current CT operated of suitable size in scale between 0 to 500A, 500V accuracy class 1.5 , flush type on provided box /panel and connecting with 3 CTs of bar primary 1000/5 ratio 15VA burden with test certificates. and necessary PVC wire leads and lugs with selector switch :01 No.				
		L.T. Current Transformer with bar primary 50/5 to 500/5 ratio .with 15VA burden erected in provided CRCA box duly secured with insulating materials connected to the Meter with test certificates. 3 each				
		LED type indicating pilot lamp with LED colour RED ,YELLOW, BLUE, 230 / 250 V with 3 control MCBs of 2 A				
R3	MSR/GSR Derived RA 61	**SDB2**	Set	1.00	1,54,742.70	154742.70
		Supply, fabrication, Erection,Testing and commissioning of panel, fully compartmentallised, Floor mounted with M.S. Channel dully painted, fabricated of 14 /16swg				

		CRCA sheets completely derusted, chemically treated and powder coated with approved shade and as per SLD having following items:-				
		Incomer				
		4 Pole MCCB upto 400A. with 50 kA SC rating :01 No				
		Bus bar chamber triple pole with neutral with four aluminium bars, 500 V, 630 A.				
		Outgoing				
		4 Pole MCCB 40A. with 25 kA SC rating :06 No				
		4 Pole MCCB 63A. with 25 kA SC rating :05 No				
		4 Pole MCB 32A. 01 No **Metering** Analog type moving iron voltMeter for A.C Voltage 0 to 500 V range, 50Hz, Accuracy class 1.5, flush type; on provided box / panel and connected with necessary PVC wire leads and lugs with selector switch :01 No.				
		Analog type moving iron AmMeter for A.C current CT operated of suitable size in scale between 0 to 500A, 500V accuracy class 1.5 , flush type on provided box /panel and connecting with 3 CTs of bar primary 1000/5 ratio 15VA burden with test certificates. and necessary PVC wire leads and lugs with selector switch :01 No.				
		L.T. Current Transformer with bar primary 50/5 to 500/5 ratio .with 15VA burden erected in provided CRCA box duly secured with insulating materials connected to the Meter with test certificates.3 each LED type indicating pilot lamp with LED colour RED ,YELLOW, BLUE, 230 / 250 V with 3 control MCBs of 2 A				

R4	MSR/ GSR Derived RA 62	**SDB3**	Set	1.00	64,036.35	64036.35
		Supply, fabrication, Erection,Testing and commissioning of panel, fully compartmentallised, Floor mounted with M.S. Channel dully painted, fabricated of 14 /16swg CRCA sheets completely derusted, chemically treated and powder coated with approved shade and as per SLD having following items:-				
		Incomer				
		4 Pole MCCB of 125A. capacity with S.C. rating of 25 kA :01 No				
		Bus bar chamber triple pole with neutral with four aluminium bars, 500 V. 200 A. complete				
		Outgoing				
		4 Pole MCCB 40A. with 25 kA SC rating :05 No				
		Metering				
		Analog type moving iron voltMeter for A.C Voltage 0 to 500 V range, 50Hz, Accuracy class 1.5, flush type; on provided box / panel and connected with necessary PVC wire leads and lugs with selector switch :01 No.				
		Analog type moving iron AmMeter for A.C current CT operated of suitable size in scale between 0 to 1000A, 500V accuracy class 1.5 , flush type on provided box /panel and connecting with 3 CTs of bar primary 1000/5 ratio 15VA burden with test certificates. and necessary PVC wire leads and lugs with selector switch :01 No.				
		L.T. Current Transformer with bar primary 50/5 to 250/5 ratio .with 15VA burden erected in provided CRCA box duly secured with insulating materials connected to the Meter with test certificates..3				

		each				
		LED type indicating pilot lamp with LED colour RED ,YELLOW, BLUE, 230 / 250 V with 3 control MCBs of 2 A				
R5	MSR/GSR Derived RA 63	**SDB4**	Set	1.00	1,54,890.75	154890.75
		Supply, fabrication, Erection,Testing and commissioning of panel, fully compartmentallised, Floor mounted with M.S. Channel dully painted, fabricated of 14 /16swg CRCA sheets completely derusted, chemically treated and powder coated with approved shade and as per SLD having following items:-				
		Incomer				
		4 Pole MCCB of 400 A. capacity with S.C. rating of 50 kA.& with provided leads on iron frame/laminated board :01 No				
		Bus bar chamber triple pole with neutral with four aluminium bars, 500 V. 630 A. complete				
		Outgoing				
		4 Pole MCCB 40A. with 25 kA SC rating :07 No				
		4 Pole MCCB 63A. with 25 kA SC rating :04 No				
		Metering				
		Analog type moving iron voltMeter for A.C Voltage 0 to 500 V range, 50Hz, Accuracy class 1.5, flush type; on provided box / panel and connected with necessary PVC wire leads and lugs with selector switch :01 No.				

		Analog type moving iron AmMeter for A.C current CT operated of suitable size in scale between 0 to 1000A, 500V accuracy class 1.5 , flush type on provided box /panel and connecting with 3 CTs of bar primary 1000/5 ratio 15VA burden with test certificates. and necessary PVC wire leads and lugs with selector switch :01 No.				
		L.T. Current Transformer with bar primary 50/5 to 500/5 ratio .with 15VA burden erected in provided CRCA box duly secured with insulating materials connected to the Meter with test certificates..3 each				
		LED type indicating pilot lamp with LED colour RED ,YELLOW, BLUE, 230 / 250 V with 3 control MCBs of 2 A				
R6	MSR (11-12) 6-6-7	Supplying and erecting 40 kVAr, 440 V 3 phase, 50 Hz., thyrister switched micro APFC passive filter panel, consisting of suitable steps of APP type capacitor units with harmonic filter reactors, as per specification no CP-ED/APFC	Each	1.00	1,46,314.35	1,46,314.35
R7	RA	Supplying, erecting, testing and commissioning of outdoor type feeder pillar panel made of CRCA sheet 14 guage which has the following components:	Each	1.00	19,181.40	19181.40
		Programmable Digital Almanac Timer Micro-controller based with real time clock to operate on derived switching “ON” & switching “OFF” street light as per daily sunset and sunrise respectively automatically having 4 digit LED continuous time display, relay output 230V / 10A.				
		power contactor of 4 pole 40A - 1				

		no incomer MCB of 50A TPN - 1 no MCB of 10A TPN - 3 no				
		TOTAL COST				**10,82,890.20**
S		**XXII OTHERS**				
S1	MSR (11-12) 10-2-24	Providing round bottom FIRE Bucket of 9 Litres capacity as per IS : 2546made out of 24 guage G.I. sheet with extra handle at bottom duly painted white inside and red outside" with FIRE Mark, on provided stand/ wall hook.	Each	4.00	460.95	1,843.80
						-
S2	MSR (11-12) 10-2-25	Providing floor mounting stand for keeping 4 Nos. of FIRE: buckets 1500mm in length, 900mm in height frame made out of 30x30x4 mm. angle iron with cross supports for legs, welded with 4 hooks and duly painted with one coat of red lead and two coats of silver paint	Each	1.00	3,524.85	3,524.85
						-
S3	MSR (22-23) 10-6-22	Providing printed instruction chart for treating persons suffering from electric shock, printed in English & Marathi and duly laminated.	Each	1.00	151.00	151.00
						-
S4	GSR (2023) 7202	Providing and fixing H.T. Danger notice plate of 250mm X 200 mm made of mild steel atleast 2 mm thick and vitreous enamelled, white on both sides, & with inscription in signal red colour on front side as required.	Each	4.00	217.00	868.00
						-
S5	GSR (2023) 7201	Providing and fixing M.V. Danger notice plate of 200 mm X 150 mm made of mild-steel atleast 2 rnrn thick and vitreous enamelled, white on both sides, & with inscription in signal red	Each	1.00	211.00	211.00

		colour on front side as required.				
						-
S6	MSR (22-23) 10-6-23	Provided pair of duly tested rubber hand gloves as per IS :340715 suitable for working on 22 kV supply.	Each	1.00	681.00	681.00
						-
S7	MSR (11-12) 10-2-33	Supplying and erecting D.C.P. type Fire Extinguisher 5 kg capacity cartridge type with Gun Metal cap 150 gram $C0_2$ gas cartridge, powder and brackets conforming to IS 2171-1985 and complete erected with necessary clamps made from 50x6 mm M.S. flat with nut & bolts grouted in wall complete.	Each	16.00	3,829.35	61,269.60
S8	MSR (22-23) 10-6-27	Supplying and fixing PVC Synthetic elastomer **electrically insulating mat** with class A insulation conforming to IS: 15652 – 2006 having 2 mm thickness upto 3.3 kV	Sq.m	8.00	7,908.00	- 63,264.00
						-
S9	MR RA 24	Supplying, assembling and erecting of factory fabricated PERFORATEDTYPE CABLE TRAY of size 200 x 40X 2mm.	Mt	202.00	413.70	83,567.40
						-
S10	MSR (22-23) 10-6-18	Supplying and erecting fencing of section having size 2450 mm in height from ground level and 1200 mm width with angle iron frame work erected in foundation and painted as per specification No SS-AS/FSG	Each	14.00	6,857.00	95,998.00
						-
S11	MSR (11-12) 7-6-5	Supplying & laying (including excavation) 15 cms. dia RCC Hume pipe with, coupling collar of standard thickness at required depth up to 90 cms. below road / ground surface, for enclosing provided cable & necessary back filling with light ramming to make	Mt	11.00	648.90	7,137.90

		the road/ground surface as it was (Except bitumen carpet).				
						-
S12	MSR (11-12) 16-3-1	Making transformer plinth (1.5 x 1.5 x 1.5) m in size with necessary excavation in ground with 150 mm. thick M- 10 PCC at the bottom and top and 250 mm. thick, burnt brick wall constructed at periphery and remaining hollow portion shall be filled with 40mm hard broken aggregate. External surface duly plastered by 12 mm thick including watering etc complete.	Each	1.00	14,322.00	14,322.00
						-
S13	MSR (22-23) 10-6-20	Supplying and erecting **double leaf hinged door** each 1500mm in width x 1850 mm in height using B class ,GI pipe with angle iron supports, chain link wiremesh (jali) complete supported on channel iron, erected in foundation, and painted as per specification no SS-AS/DLD	Each	1.00	19,632.00	19,632.00
						-
S14	GSR RA 65	Supplying, spreading, levelling baselite or granite aggregate 40mm nominal size at uniform thickness at site.	Cum	35.39	1,489.48	52,717.76
						-
S15	MSR (22-23) 10-6-24	Supplying standard first aid box with necessary antiseptic cream, medicine for use on wounds due burn, crepe bandage, gauge bandage, medicated ready to use bandage (Band - aid) adhesive tape for medicinal use, scissors, anti - septic solution (Savlon or similar) etc. (All above contents shall be of standard makes)	Each	1.00	888.00	888.00
						-

S16	GSR 2023 civil 4005	Earthwork in excavation by mechanical means (hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10sq.m on plan) including disposal of excavated earth lead upto 50 m and lift upto 1.5m disposed earth to be leveled and neatly dressed including providing barricading, danger lighting guarding as directed by engineer.				-
	(a)	All kinds of soil	Cum	5.62	286.00	1,606.75
						-
S17	GSR 2023 civil 5035	Rubble packing with hard laterite stone under floors including watering ramming and consolidating etc. in pipeline trenches and other foundations complete.	Cum	3.37	2,211.00	7,452.84
						-
S18	GSR 2023 civil 6010	Providing & laying cement concrete 1:2:4 (1 cement: 2 coarse sand: 4 graded granitic or basaltic stone aggregate. 20 mm. nominal size) excluding cost of centering, shuttering and finishing in:				-
	(a)	All works upto plinth level	Cum	2.25	6,810.00	15,303.43
						-
S19	MSR (11-12) 10-2-19	Supplying and erecting 50 x 50 x 6 mm. angle iron as corner support 0.5 m away from the fence support fixed at the middle of the fencing frame and the other side in C.C. foundation of 15 x 15 x 40 cm. complete duly painted with one coat of red oxide and two coats aluminum paint.	Each	4.49	948.00	4,260.69
						-

S20	MR RA 36	Supply and installation of Early Streamer Emission (ESE) lightning conductor with Level II protection with mounting unit, base plate, and all accessories to fix the LA unit with Flash counter and Test clamp.including 2 earthings	Each	2.00	2,58,360.90	5,16,721.80
						-
S21	MSR (22-23) 16-3-5	Providing Cement concrete foundation for pump in 1:2:4 with required size and length of foundation bolts and nuts (cost with wooden box is included).	Cum	1.00	5,011.00	5,011.00
						-
S22	MSR (22-23) 3-2-13	Supplying, installing, testing & commissioning split type variable speed inverter technology with minimum 3 to 1 convertible mode for compressor. room air conditioning unit 1.7TR to 2.0TR capacity having ISEER minimum 5.0 suitable to operate on 250V, 50 Hz, A.C. supply having 1 no of air handling unit hi-wall/floor mounting type complete with refrigerant R32 having copper condenser, minimum 2.5PM filter, self diagnosis feature, stabilizer free operation & temperature display on indoor unit, noise level maximum 50dBA at position in provided recess with wooden frame complete specification no. AP-AC/WAC	Each	16.00	67,302.00	10,76,832.00
						-

S23	MSR (22-23) 3-2-11	Supplying, installing, testing & commissioning split type variable speed inverter technology with minimum 3 to 1 convertible mode for compressor, room air conditioning unit 1.3TR to 1.6TR capacity having ISEER minimum 5.00 suitable to operate on 250V, 50 Hz, A.C. supply having 1 no of air handling unit hi-wall/floor mounting type complete with refrigerant R32 having copper condenser, minimum 2.5PM filter, self diagnosis feature, stabilizer free operation & temperature display on indoor unit, noise level maximum 50dBA at position as per specification no. APAC/ WAC	Each	3.00	55,578.00	1,66,734.00
						-
S24	MSR (22-23) 3-2-9	Supplying, installing, testing & commissioning split type variable speed inverter technology with minimum 3 to 1 convertible mode for compressor, room air conditioning unit 1.0TR to 1.2TR capacity having ISEER minimum 5.00 suitable to operate on 250V, 50 Hz, A.C. supply having 1 no of air handling unit hi-wall/floor mounting type complete with refrigerant R32 having copper condenser, minimum 2.5PM filter, self diagnosis feature, stabilizer free operation & temperature display on indoor unit, noise level maximum 50dBA at position as per specification no. APAC/ WAC	Each	3.00	43,854.00	1,31,562.00
						-
S25	MSR (11-12) 3-2-16	Supplying & erecting copper pipe suitable for refrigeration system having 22 guage thickness and inner dia / size 16mm Complete.	Mt	44.94	395.85	17,791.08

						-
S26	MSR (11-12) 3-2-20	Supplying and laying rigid PVC conduit 25 mm dia to drain water with PVC accessories on wall/ceiling as per specification No:WG-MA/CON, para no. 1.1.1	Mt	167.42	58.00	9,710.15
		TOTAL COST				**23,59,062.05**
T		**XXIII LIFT WORKS**				
T1	MR 01	Supplying, erecting and commissioning simplex type barrier free passenger lift,884 kgs for ground plus 2 upper floors having rated speed 1.0m/s, stainless steel sheet of 18 gauge hairline finish doors, car having handrails, MS Girders, Bracing of adequate size, side panels of stainless steel sheet of 18 gauge hairline finish, stainless steel cabin, car doors and landing doors of 18 gauge. Floor Position indicator in car and car Position Indicator at all landings with machine room above shaft with electronic microprocessor control unit, VVVF with ARD, overload warning device, infrared curtain, and intercom system .	Each	2.00	24,75,375.00	49,50,750.00
		Automatic rescue device (ARD).				
		Infra red curtain				
		Overloading warning alarm device				
		Intercom system with telephone in car, machine room. Load - 884 Kgs				
		Stops and Openings- 3 Stops and 3 Landings				
		Available shaft dimension - 2100mm x 1700mm min				
		Machine- Gearless machine				
		Drive - Variable Voltage Variable				

		Frequency				
		Door Type - Center/ side Opening				
		Clear opening - minimum 900 mm X 2000 mm				
		Emergency Car light				
		Cross Flow fan.				
		Overload device				
		Emergency Fire Service				
		Emergency Alarm Button				
		Manual Rescue Operation				
		Belt Inspection Drive				
		Auto Fan Cut off				
		Machine room - Above the shaft				
		Main supply - 415 volts, 3 phase, 50 Hz. A.C				
		TOTAL COST				**49,50,750.00**
U		**XXIV FIRE FIGHTING WORKS**				
U1	MSR(22-23)13-1-3	Supplying, installation, testing and commissioning of main fire pump (MFP / EP) suitable for water discharge of 1800 to 2280 LPM at 80 to 60 m head driven by electric motor 415 volts, 3 phase 50 Hz, AC supply of 37kW or of suitable kW capacity for manual/automatic operation and consisting of following : (a) Horizontal type, single stage, centrifugal/split casing pump of cast iron body & bronze impeller with stainless steel shaft(SS410 grade), mechanical seal conforming to IS 1520. (b) Squirrel cage induction motor, TEFC, synchronous speed 3000 RPM, suitable for operation with IP 55 protection for enclosure, horizontal foot mounted type with Class-'F' insulation, conforming to IS-325. (c) M.S. fabricated Common base plate, coupling, coupling guard,	Each	1	2,07,756.00	2,07,756.00

		foundation bolts etc. as required. (d) Erected on provided suitable size cement concrete foundation duly plastered with anti vibration pads with perfect aligning, proper levelling complete pump set with accessories duly painted with two coats of synthetic enamel paint of fire red colour over a coat of primer (ISC code 536 as per IS 2932 of 2003) complete, as per specification no. FF-MFP/SSC/EP				
						-
U2	MR 2	Supplying and installing, testing, perfect aligning and proper levelling and commissioning of Diesel operated fire service stand by pump, of 1800 LPM, at 56m head centrifugal type single stage pump, 40HP including all accessories like 200 lit fuel tank, 12 Volts 21Ah battery, exaust pipe of 3M length with silencer, suitable foundation, as per IS Specification & Engineers Instruction etc complete	Each	1	6,73,253.70	6,73,253.70
						-
U3	MSR(22-23)13-3-2	Supplying, installation, testing and commissioning of booster fire pump [BP] suitable for water discharge of 900 LPM at 35 m head driven by electric motor 415 volts, 3 phase 50 Hz, AC supply of 7.5 kW or of suitable kW capacity for manual/automatic operation and consisting of following : (a) Horizontal/vertical type, single/multi stage, centrifugal casing pump of cast iron body & bronze/CI impeller with stainless steel shaft (SS410 grade),	Each	1	69,720.00	69,720.00

		mechanical seal conforming to IS 1520. (b) Squirrel cage induction motor, TEFC, synchronous speed 3000 RPM, suitable for operation on with IP 55 protection for enclosure, horizontal foot mounted type with Class-'F' insulation, conforming to IS-325. (c) M.S. fabricated common base plate, coupling, coupling guard, foundation bolts etc. as required. (d)Erected on provided suitable size cement concrete foundation duly plastered with anti vibration pads with perfect aligning, proper levelling complete pump set with accessories duly painted with two coats of synthetic enamel paint of fire red colour over a coat of primer (ISC code 536 as per IS 2932 of 2003) complete, as per specification no. FF-MFP/BP				
						-
U4	MSR(22-23)13-2-1	Supplying, installation, testing and commissioning of jockey fire pump (JP) suitable for water discharge of 180 to 240 LPM at 70 to 50 m head driven by electric motor 415 volts, 3 phase 50 Hz, AC supply of 5.5 kW or of suitable kW capacity for manual/automatic operation and consisting of following : (a) Horizontal/vertical type, multi stage, centrifugal casing pump of cast iron body & bronze impeller with stainless steel shaft (SS410 grade), mechanical seal conforming to IS 1520. (b) Squirrel cage induction motor, TEFC, synchronous speed 3000 RPM, suitable for operation with IP 55 protection for enclosure, horizontal foot mounted type with Class-'F' insulation, conforming to IS-325. (c) M.S. fabricated common base plate, coupling, coupling guard,	Each	1	62,482.00	62,482.00

		foundation bolts etc. as required. (d) Erected on provided suitable size cement concrete foundation duly plastered with anti vibration pads with perfect aligning, proper levelling complete pump set with accessories duly painted with two coats of synthetic enamel paint of fire red colour over a coat of primer (ISC code 536 as per IS 2932 of 2003)complete, as per specification no. FF-MFP/JP				
						-
U5	MSR(22-23)12-1-9	Supplying & erecting minimum three & above star rated Centrifugal water pump (Monoblock), 415 V, three phase 50 cycles A.C. supply of 3.75 KW/5 HP with discharge 715/200 Litres per Minute (LPM) for head of 17/39 m and 65 mm suction/ 50 mm delivery pipe on provided C.C. foundation as per specification No. WP-CGP	Each	1	26,851.00	26,851.00
						-
U6	MSR (22-23)12-4-18	Supplying & erecting automatic control panel for 3 Ph, 415 volt, A.C. Submersible/centrifugal pump set up to 7.5 HP - 10 H.P. consisting of DOL starter having relay range 13-21 AMP,S.P.P., Combined ammeter/voltmeter, phase indicating lamp enclosed in CRCA powder coated Vibration proof enclosure with IP 54 protection. Control Panel should offer single phasing, phase reversal, phase imbalance etc	Each	1	6,897.00	6,897.00
						-
U7	MSR(22-23)13-6-2	Supplying and installing G.I.pipe above ground of 'C class-ERW of size 25 mm dia with necessary fittings as per specification no. FF-PP.				-
		25mm	Rm	76.00	348.00	26,448.00
						-
U8	MSR(22	Supplying and installing G.I.pipe				-

	-23)13-6-3	above ground of 'C class-ERW of size 50 mm dia with necessary fittings as per specification no. FF-PP.				
		50mm	Rm	25.00	705.00	17,625.00
						-
U9	MSR(22-23)13-6-5	Supplying and erecting G.I. pipe 'C' class ERW 75/80 mm dia with necessary fittings complete as per specification no. FF-PP				-
		80mm	Rm	88.00	1,116.00	98,208.00
						-
U10	RA	Supplying and installing G.i.pipe below ground of 'C class ERW of size 75/80 mm dia with necessary fittings as per specification no. FF-PP.				-
		80 mm	Rm	102.00	675.60	68,911.20
						-
U11	MSR (22-23)13-6-6	Supplying and installing G.i.pipe above ground of 'C class ERW of size 100 mm dia with necessary fittings as per specification no. FF-PP.				-
		100 mm	Rm	68.00	1,588.00	1,07,984.00
						-
U12	MSR - 13-6-5 Derived MSR rate from Rate Analysis	Supplying and installing G.i.pipe below ground of 'C class ERW of size 100 mm dia with necessary fittings as per specification no. FF-PP.				-
		100 mm	Rm	33.00	954.00	31,482.00
						-
U13	MSR(22-23)13-6-7	Supplying and installing G.i.pipe above ground of 'C class ERW of size 150 mm dia with necessary fittings as per. specification no. FF-PP.				-
		150 mm	Rm	8.00	2,409.00	19,272.00
						-

U14	MSR-13-6-6 Derived MSR Rate from Rate Analysis	Supplying and installing G.i.pipe BELOW ground of 'C class ERW of size 150 mm dia with necessary fittings as per. specification no. FF-PP.				-
		150 mm	Rm	314.00	1,393.20	4,37,464.80
						-
U15	MSR(22-23)13-7-34	Supplying and erecting gun metal single outlet hydrant valve fitted with necessary accessories complete as per specification no. FF-VL/HV	Each	5.00	7,646.00	38,230.00
						-
U16	MSR(22-23)13-7-1	Supplying and erecting 80 mm dia cast iron foot valve ball type/flap type with strainer for negative suction complete as per specification no. FF-VL/FV	Each	1	5,184.00	5,184.00
						-
U17	MSR(22-23)13-7-14	Supplying and erecting 100 mm dia. cast iron double flange sluice valve complete with PN16 pressure rating, as per specification no. FF-VL/SV	Each	2	8,753.00	17,506.00
						-
T18	MSR(22-23)13-7-13	Supplying and erecting 75/80 mm dia. cast iron double flange sluice valve complete with PN16 pressure rating, as per specification no. FF-VL/SV	Each	1	5,944.00	5,944.00
						-
U19	MSR(22-23)13-7-14	Supplying and erecting 100 mm dia. cast iron double flange sluice valve complete with PN16 pressure rating, as per specification no. FF-VL/SV				-
		100 mm	Each	2	8,753.00	17,506.00
						-
U20	MSR(22-23)13-7-19	Supplying and erecting 75/80 mm dia. cast iron double flange butterfly valve of size complete with PN16 pressure rating, as per specification no. FF-VL/BFV				-

		75 / 80 mm dia	Each	2	3,183.00	6,366.00
						-
U21	MSR(22-23)13-7-20	Supplying and erecting 100 mm dia. cast iron double flange butterfly valve of size complete with PN16 pressure rating, as per specification no. FF-VL/BFV				-
		100 mm	Each	2	4,121.00	8,242.00
						-
U22	MSR(22-23)13-7-21	Supplying and erecting 150 mm dia. cast iron double flange butterfly valve of size complete with PN16 pressure rating, as per specification no. FF-VL/BFV				-
		150 mm dia	Each	2	6,327.00	12,654.00
						-
U23	MSR(22-23)13-7-23	Supplying and erecting 75/80 mm dia cast iron double flange NRV complete with PN16 pressure rating, as per specification no. FF-VL/NRV				-
		75 / 80 mm dia	Each	1	6,142.00	6,142.00
						-
U24	MSR(22-23)13-7-25	5 Supplying and erecting 150 mm dia cast iron double flange NRV complete with PN16 pressure rating, as per specification no. FF-VL/NRV				-
		150 mm dia	Each	1	13,491.00	13,491.00
						-
U25	MSR(22-23)13-7-24	Supplying and erecting 100 mm dia cast iron double flange NRV complete with PN16 pressure rating, as per specification no. FF-VL/NRV				-
		100 mm dia	Each	2	8,240.00	16,480.00
						-
U26	MSR(22-23)13-7-32	Supplying and erecting 25 mm dia gun metal gate valve complete with PN16 pressure rating, as per specification no. FF-VL/GV	Each	3	1,202.00	3,606.00
						-
U27	MSR(22-23)13-8-2	Supplying and installing wall mounting swinging Hose reel drum fitted with 19 mm dia. 30 meter long high pressure	Each	5	6,921.00	34,605.00

		polypropylene (Polyhose) long fitted with necessary accessories complete as per specification no. FF-FFA/HV.				
						-
U28	MSR(22-23)13-8-4	Supplying and erecting 63mm dia, reinforced rubber lined (R.R.L.) hose pipe, 15m in length, fitted with necessary accessories complete as per specification no. FF-FFA/RRL	Nos.	10	5,229.00	52,290.00
						-
U29	MSR(22-23)13-8-7	Supplying and erecting gun metal branch pipe of 63 mm dia fitted with 20 mm dia detachable hexagonal nozzle complete as per specification no. FF	Each	5	1,926.00	9,630.00
						-
U30	MSR(22-23)13-8-10	Supplying & installing fire brigade header of 150mm Ø for supplying water in fire tank as per specification no. FF-FFA/FBC.	Each	1	9,479.00	9,479.00
						-
U31	MSR(22-23)13-8-11	Supplying and erecting fire brigade header (Siamese connection)of 150 mm dia, for supplying water in fire tank complete as per specification no. FFFA/FMC	Each	1	11,588.00	11,588.00
						-
U32	MSR(22-23)13-8-12	Supplying and erecting 300 mm dia 1.5m in height air vessel / tank fabricated from min 5mm thick M.S. sheet complete as per specification no. FF-FFA/ACT	Each	1	12,472.00	12,472.00
						-
U33	MSR(22-23) 13-8-13	Supplying and erecting 20/25mm dia gun metal air release cock, with necessary G.I. coupling to be fitted on top of air vessel or on wet riser complete as per specification no. FF-FFA/ARV	Each	2	840.00	1,680.00
						-

U34	MSR (22-23)13-8-14	Supplying and erecting 100 mm dia. pressure gauge , 0-300 PSI or 0-14 kg per cm square fitted with 12/15 mm dia. pad cock valve, erected with provided G.I. pipe, elbow etc. complete as per specification no. FF-FFA/PG	Each	2	772.00	1,544.00
						-
U35	MSR (22-23)13-8-15	Supplying and erecting 12/15 mm dia pressure switch with provided isolation valve, G.I. nipple, elbow, etc complete as per specification no. FF-FFA/PS	Each	2	1,763.00	3,526.00
						-
U36	MR3	Supplying and erecting Fibre-reinforced plastic cabinet for housing Hose pipe, hose reel and branch pipe (size 750 mm. x 600 mm x 250 mm.). having front doors with viewing glass (8"x6") and locking arrangement with" necessary fixing material such as rubber bidding,Mounting Arrangement With 50x50x5mm MS Angle Frame etc. duly painted in post box red colour.	Each	5	5,565.08	27,825.40
						-
U37	MSR (22-23) 13-8-1	Supplying & installing One piece moulded HDP / Fibre water tank, for ~ve suction only, having capacity 1000 ltrs.fitted with necessary accessories complete as per specification no. FF-FFA/PT.	Each	1	9,804.00	9,804.00
						-
U38	MR4	Supply and installation of Fire Exit Signs boards (illuminated) showing the line of escape to be provided on every floors of building confirming to BIS:12348/1988	Nos	30	2,661.56	79,846.80
						-

U39	MR5	Supply, installatiion, commissioning and Testing of conventional type Detection & Suppression System.Total Volume Of The Area . - 110Cu Mtr. Gas Required - 67 Kg No Of Cylinders Required - 01 No. Flooding Factor - 0.61Kg/Cu. Mtr. Design Temperature - 70 Deg. F Detection System - Conventional Type Gas Release Method. - Cross Zone Configuration.	Nos	1	5,08,116.00	5,08,116.00
						-
U40	MR6	Supply, installation, termination of cable testing & commissioning of wall mounting type or floor mounting type electrical control panel for fire fighting pumps with suitable conductors, suitable switch gear, indicating lamps fuses, volt meter Ammeter, selector switches, single phase preventer interlocking arrangement between electric motor driven pump & diesel Engine driven Pump, so that only one pump can operate at one time. Incase of failure in elect pump the diesel engine pump shall operate automatically with standard facility switch gear suitable for operating pumps:The control part have logic such that ,in the event of any Hose reel or landing valve is opened ,then the pressure in the line droops and the pressure switches installed on the pump to start. if more than 1 landing valves are opened then as sufficient pressure is not built up in the line by Booster pump, hence it will stop and main pump starts. Incase of power failure	Each	1	2,66,156.00	2,66,156.00

		,Diesel pump will start automatically . made of CRCA sheet to be used for fabrication of boxes panel boards etc with necessary switchgears of required rating for the output pumps and main incomer of 200A MCCB 4 pole, all switchgears with necessary switch or rotary handles as required with necessary				
		cutting, bending, drilling, welding, rivetting etc. and powder coating the panel. Out going for followong pumps to be kept with 2 no. of spares a. Main Fire Pump 40HP - 01 Nos b. Diesel Pump 40HP - 01 Nos, c. Booster Pump 10 HP -01 Nos d. Jockey Pump 15 HP -01 Nos.				-
						-
U41	MSR-13-12-3	Supplying & erecting vane type water flow detector suitable for detecting flow of water in wet sprinkler pipe of main line or branch lines of 100mm dia having following features: 1) Visual switch activation 2) Rugged switch assembly 3) Heavy duty alluminium pipe saddles 4) Durable metal encloser 5) steel U bolts for secure mounting 6) two SPDT (single pole double tracks) synchronised switches 7) serviceable without draining pipes	Each	2	7,724.00	15,448.00
						-

U42	MSR-13-8-18	Supplying and erecting one no. Brass orifice plate having 6 mm. thickness, 140 mm outer dia of 140 mm at every single outlet hydrant valve as per specification no. FF-FFA/OP.	Each	2	666.00	1,332.00
						-
U43	MSR-13-12-1	Supplying and erecting 15 mm (1/2") dia. NBCM Body chrome finished quartzoid bulb sprinkler having 68a C fixed temperature rating with deflector disc of conventional construction as per specification no. FF-SPR.	Each	11	545.00	5,995.00
						-
U44	MR7	Supplying and installing Flexible Sprinkler Drops pipes,The hose assembly includes 28 mm diameter corrugated stainless steel tubing to withstand 16 bar pressure with welded reducer on one end to directly accomadate sprinklers & female checknut on the other end to connect to the branch pipe with supports complete				-
U45	GSR-6001	1000 mm long Providing and laying in position cement concrete 1:2:4 (1 cement : 2 coarse sand: 4 graded granitic or basaltic stone aggregate 40 m nominal size) excluding cost of centering, shuttering and finishing :	Each	11	1,451.76	15,969.36 - -
	a)	All works upto plinth level	Cum	0.53	6,635.00	3,516.55
						-
U46	GSR-6030	Providing and laying in position (1:11/2:3) Reinforced cement conrete excluding the cost of centering, shuttering, finishing and reinfrocement (1 cement: 1½ coarse sand:3 graded stone agg				-

		20mm nominal size)				
	a	All works upto plinth level	Cum	2.4	7,178.00	17,227.20
						-
U47	GSR-6045	Centering & shuttering including Strutting, Propping & removal of forms for				-
	i)	Foundations, Footings, Bases for columns	Sq.m	8.45	407.00	3,439.15
						-
U48	GSR-6052	Providing TMT steel reinforcement (Confirming to IS 1786 of 1986) for RCC work (conforming to I.S. 1786 of 1986) including bending, binding & placing in position in all the floors along with the factory made precast concrete cover blocks of specified sizes whose compressive strength is not less than that of surrounding concrete in the structural member.	Kg	242.68	105.00	25,481.40
		TOTAL COST				**31,22,676.56**
		TOTAL PROJECT COST				**13,43,85,317.00**

FOR MUSEUM CURATORIAL

Item No.	**GSR / MR**	**Item Description**	**Unit**	**QTY.**	**Rate**	**Amount**
A		**INTERIOR AND FURNITURE WORKS**				
1	MR	Providing and fixing in position wall panelling at all heights with integral densified calcium silicate panels/tiles of size 595 x 595mm, having NRC (Noise Reduction coefficient) of 0.50 (minimum) as per IS 8225:1987, Light reflectance of 85% (minimum).				

		Non combustible as per BS:476 (part-4), fire performance as per BS:476 (part 6 &7), humidity resistance of 100%, thermal conductivity < 0.043 W/m K as per ASTM 518:1991, comprising of a frame made from especially fabricated galvanised mild steel sheet 0.50 mm thick pressed section (galvanizing @120 grams per sqm including both sides) i.e.vertical studs of size 48 x 34 x 36 mm are placed at 600mm center to center in a floor and ceiling channel section of size 50 x 32m fixed to the floor and soffit at 600mm centers using 12mm dia,50mm long wedge type expanded zinc alloy dash fastner with 10mm bolt. This same channel is then to be fixed in horiziontal direction at 600mm center to center so as to form a grid of 600mm x 600mm. Glasswool of 50mm thickness is then to be inserted in the slots and finally calcium silicate non combustible panels/tiles are to be screw fixed with self tapping pan head nickel coated mild steel screws of size 13 x 3.2mm on to this grid leaving an even groove of 1 mm between the panels. The joints between the panels are to be duly jointed and finished using recommended jointing calcium silicate based compound and fiber joint tape roll 50mm wide (90 metre)roll and two coats of primer suitable for panelling as per manufacturer's specification as per direction of Engineer-in-Charge all complete.				
		With 15 mm thick fully perforated square/butt edge light weight calcium silicate panels/ tiles	Sq.m	4561.00	4,001.00	1,82,48,561.00

2	MR	Providing and fixing Teak wood table with Glass as per detailed drawing and dimension shown in drawing including all the necessary specification and fitting fixures screws, fevicol etc and 2 coats of melamine polish to exposed surface all inclusive etc complete.	Sq.m	36.10	10,000.00	3,61,000.00
						-
3	MR	Providing and fixing Pedastal as per detailed drawing and dimension shown in drawing including all the necessary specification and fitting fixures screws, fevicol etc and 2 coats of melamine polish to exposed surface all inclusive etc complete.	Sq.m	31.88	7,000.00	2,23,160.00
						-
4	MR	Providing and fixing Teak wood Wall showcase as per detailed drawing and dimension shown in drawing including all the necessary specification and fitting fixures screws, fevicol etc and 2 coats of melamine polish to exposed surface all inclusive etc complete.	Sq.m	25.60	7,500.00	1,92,000.00
						-
5	MR	Providing and fixing Pillar showcase as per detailed drawing and dimension shown in drawing including all the necessary specification and fitting fixures screws, fevicol etc and 2 coats of melamine polish to exposed surface all inclusive etc complete.	Sq.m	13.50	4,000.00	54,000.00
						-

6	MR	Providing and fixing Showcase case stand as per detailed drawing and dimension shown in drawing including all the necessary specification and fitting fixures screws, fevicol etc and 2 coats of melamine polish to exposed surface all inclusive etc complete.	Sq.m	13.60	2,500.00	34,000.00
						-
7	MR	Providing and fixing Teak wood Display panel as per detailed drawing and dimension shown in drawing including all the necessary specification and fitting fixures screws, fevicol etc and 2 coats of melamine polish to exposed surface all inclusive etc complete.	Sq.m	26.10	3,500.00	91,350.00
8	MR	Providing and fixing Teak wood table with Glass as per detailed drawing and dimension shown in drawing including all the necessary specification and fitting fixures screws, fevicol etc and 2 coats of melamine polish to exposed surface all inclusive etc complete.(For wiring / Illumination)	Sq.m	31.00	10,000.00	3,10,000.00
						-
9	MR	Providing and fixing Pedastal as per detailed drawing and dimension shown in drawing including all the necessary specification and fitting fixures screws, fevicol etc and 2 coats of melamine polish to exposed surface all inclusive etc complete.(For wiring / Illumination)	Sq.m	67.00	9,500.00	6,36,500.00
						-

3	MR	Providing and fixing Teak wood Wall showcase as per detailed drawing and dimension shown in drawing including all the necessary specification and fitting fixures screws, fevicol etc and 2 coats of melamine polish to exposed surface all inclusive etc complete. (For wiring / Illumination)	Sq,m	40.00	8,500.00	3,40,000.00
						-
10	MR	Providing and fixing Pillar showcase as per detailed drawing and dimension shown in drawing including all the necessary specification and fitting fixures screws, fevicol etc and 2 coats of melamine polish to exposed surface all inclusive etc complete.(For wiring / Illumination)	Sq.m	31.00	8,500.00	2,63,500.00
11	MR	Providing and fixing main board showing institution Name in 3 languages (english, hindi and marathi) made by using 18 guage brushed finish stainless steel channel box lettering of height 12" inclusive of drilling holes at required intervals etc. complete as per drawing	Each letter	225.00	4,443.00	999675.00
12	MR	Providing and fixing signages made of 1.5mm thick stainless steel plate of size 400mm x 150mm of grade 304, with CNC Laser cut letters, this shall be fixed on 6mm thick acryllic board base of size 450mm x 250mm with 12mm dia SS studs of grade 304 with brass buttons and screws complete. The signage shall be fixed to the wall/ doors etc with SS screws or suspended from the ceiling by means of SS	Each letter	21.00	46,925.00	985425.00

		chain of adequate height (maximum 1000mm) of 8mm dia with anchor fasteners complete. All material shall be of approved make. All works complete as per the drawing, specification and direction of the Engineer.				
13	MR	Providing and fixing signage made from aluminium composite panel. The background of panel will be photo illuminiscent (glow in dark) pasted with computer cut vinyl letters as per specifications, the panel will be duly grooved and folded from all the sides to make it projected and will be fixed on surface with tape that provides instant and permanent bonds to painted & unpainted metals, plastics, vinyl and glass / necessary screw arrangements on the rear side as per drawings and specification.	Sq.m	26.00	5,430.00	141180.00
14	MR	Providing & Fixing of signages made from Aluminium Composite Panel. The background of the panel should be pasted in reflective sheeting computerized cut letters in reflective pasted on it. The board to be mount on 2" dia GI pipe of 3 mtr height having a coat of metal primer and a coat of black enamel paint complete as per drawing as directed by the engineer	Sq.m	2.00	6,417.00	12834.00
15	MR	**Providing Kiosk**	Nos	8.00	3,00,000.00	24,00,000.00

		SUB TOTAL				**2,52,93,185.00**
B		**DB's AND CB's**				
16	GSR (2023) 7007	Supplying installation testing and commissioning of surface/ recess mounting vertical type 415 V TPN, double door MCB DB of sheet steel dust protected duly phosphatised and powder painted inclusive of 200 A tinned copper busbar common neutral link earth bar din bar for mounting MCBs detachable gland knock out plate and with 100 A 10 KA MCCB as incomer interconnection between incomer MCCB and busbars of following ways				
(a)	7007(a)	4 way with 100A MCCB as Incomer, double door, Cat A	Each	1.00	19,129.00	19,129.00
17	GSR (2023) 7001	Supplying and fixing following way SPN sheet steel , MCB distribution board 240V on surface / recess complete with tinned copper busbar neutral busbar earth bar dinnbar detachable, gland plate interconnections phosphotized and powder painted including earthing etc.as required (but without MCB/RCCB/Isolator).				
(a)	7001(f)	8 way double door Cat A	Each	2.00	2,334.00	4,668.00
(a)	7001(g)	12 way double door Cat A	Each	2.00	2,733.00	5,466.00
18	GSR (2023) 7112	Supplying and fixing 6 A to 32 A , C Series MCB suitable for lighting and other loads of following poles in the existing MCB DB complete with connections testing and commissioning etc as required.				
(a)	7112(a)	SP , Cat A	Each	347.00	433.00	1,50,251.00
(b)	7112(c)	DP, Cat A	Each	2.00	1,324.00	2,648.00

(c)	7112(d)	TP ,Cat A	Each	5.00	2,146.00	10,730.00
(d)	7112(e)	TPN , Cat A	Each	14.00	2,851.00	39,914.00
19	GSR (2023) 7115	Supplying and fixing 63 A , C Series MCB suitable for lighting and other loads of following poles in the existing MCB DB complete with connections testing and commissioning etc as required.				
	7115(e)	TPN , Cat A	Each	7.00	4,062.00	28,434.00
20	MR RA 10	Supplying and fixing 2 pole RCBO suitable for lighting and other loads in the existing MCB DB complete with connections testing and commissioning etc as required.				
(a)		Rating 16A (300mA)	Each	21.00	2,736.30	57,462.30
21	GSR (2023) 7004	Supplying and fixing following way TPN sheet steel , double door, Horizontal type MCB distribution board 415 V on surface / recess complete with tinned copper busbar neutral busbar earth bar dinnbar detachable, gland plate interconnections phosphotized and powder painted including earthing etc.as required (but without MCB/RCCB/Isolator).				
(a)	7004(a)	4 way (8+12), double door , Horizontal type ,Cat A	Each	7.00	6,166.00	43,162.00
(b)	7004(c)	6 way (8+18), double door, Horizontal type Cat A	Each	1.00	7,838.00	7,838.00
(c)	7004(d)	8 way (8+24), double door , Horizontal type ,Cat A	Each	11.00	9,351.00	1,02,861.00
(d)	7004(e)	12 way (8+36), double door, Horizontal type ,Cat A	Each	1.00	13,850.00	13,850.00
22	MR RA 11	Supplying and fixing 4 pole RCBO suitable for lighting and other loads in the existing MCB DB complete with connections testing and commissioning etc as				

		required.				
(a)		Rating 63A (300mA)	Each	1.00	3,813.00	3,813.00
23	MSR (22-23) 5-5-1	Providing & erecting 3 Pole MCCB upto 100A of 25kA SC rating, thermal and magnetic setting with provided leads on iron frame/laminated board as per specification No. SW-SWR/MCCB Note : 40 A MCCB, 3 pole 25KA **SUB TOTAL**	Each	1.00	5,309.00	5,309.00 - **4,95,535.30**
						-
C		**WIRING**		0.00		
24	GSR (2023) 1203	Wiring for light point / fan point /exhaust fan point/ call bell point with 1.5 sq.mm FR PVC insulated copper conductor single core cable in surface / recessed PVC conduit with modular switch, modular plates, suitable size modular GI box of specified Category and earthing the point with 1.5 sq.mm FR PVC insulated copper conductor single core cable etc. as required.				
	1203 (c)	Group C -- with Cat A Modular Accessories	Poin t	175.00	1,496.00	2,61,800.00
		SUB TOTAL				**2,61,800.00**
D		**DATA / VOICE / CCTV**				-
25	GSR 10006	Supplying and drawing of Cat-6 UTP, 4 pair annealed tinned copper conductor PVC insulated, PVC sheathed, unarmoured data cable in existing surface / recessed steel / PVC conduit of appropriate size including connection, etc. complete as required.				-
	(a)	Cat 6	Mt	6073.00	37.00	2,24,701.00
						-

26	GSR 3002	Supplying and fixing of following sizes of PVC conduit alongwith accessories in surface / recess including cutting the wall and making good the same in case of recessed conduit as required.				-
	(a)	20mm	Mt	6408.00	52.00	3,33,216.00
						-
27	MSR 1-12-3	Supplying and fixing 1 Meter length, UTP patch cord of Cat 6 type in position as per specification No. WG-COC/PC	Each	339.00	234.00	79,326.00
						-
28	MSR 1-13-2	Supplying, fixing, and configuring GB Managed Ethernet Switch of 24 Ports with 2 SFP Combo slots and WebView, on provided rack or as directed as per specification no. WG-NWC/GBS	Each	20.00	39063.00	7,81,260.00
						-
29	MSR 1-14-4	Supplying and fixing 24 port Patch Panel with Tool-less keystone jacks in provided U Rack complete as per specification no. WGNAS/PP	Each	20.00	8580.00	1,71,600.00
						-
30	GSR 10009	Supplying, installation and testing of D-Link type connector box complete with RJ-45 connector including concealed metal box / surface PVC box, modular plate, punching, identifying, complete as required.	Each	339.00	508.00	1,72,212.00 -
31	MR	Supply , installation, testing and commissioning of 9U rack including connections etc as required	Each	7.00	10810.00	75,670.00
						-
32	MR	Supply , installation, testing and commissioning of 12U rack including connections etc as required	Each	5.00	5492.00	27,460.00
						-
33	MR	Supply , installation, testing and commissioning of 22U rack including connections etc as	Each	1.00	67563.00	67,563.00

		required				
						-
34	MSR 1-12-5	Supplying and erecting FR grade, PVC armoured multimode Optical Fibre Cable with 6 fibres, with core dia 50µm, suitable for 1 Gbps ethernet distance at 850nm of wavelength, on wall/ceiling or laid in provided pipe / trench as per specification no. WG-COC/OFC	Mt	660.00	146.00	96,360.00
						-
35	MSR 1-14-5	Supplying and fixing Wall / Rack type 12 ports, Light guide Interconnect Unit for termination of Optical fibre cables on wall / provided U rack complete as per specification no. WG-NAS/LIU.	Each	13.00	3994.00	51,922.00
						-
36	MR	Supply and installing Fiber patch cord LC-SC MM duplex type.	Each	28.00	2027.00	56,756.00
						-
37	MR	Termination and splicing of Multi mode fibre cable.	Each	168.00	405.00	68,040.00
						-
38	MR	Supplying and installing Fiber pigtail & adapter for 6 core MM cable	Each	168.00	541.00	90,888.00
						-
39	GSR 10004	Supplying, installing, testing and commissioning of junction box, ITD/DOT approved, indoor type with wall mounting/concealed facility having front door with lock along with aluminium frame for mounting disconnection type Krone module, complete cabinet fabricated from 18 SWG CRCA sheet with powder coating in appropriate manner and suitable for following capacity of pairs,including Krone makemodules, crimping and terminations, etc. complete as required.				-

	10004 (a)	(a) 10 Pair	Each	6.00	737.00	4,422.00
						-
40.00	GSR 10001	Supplying and drawing/fixing indoor type 0.5 sq.mm FR PVC insulated copper conductor unarmoured telephone cable ITD/DOT approved,with GI saddles on wall or in the existing surface/recesed steel/PVC conduit having following pair(s), complete as required.				-
a	10001 (a)	(a) 2 Pair	Mt	714.00	23.00	16,422.00
b	10001 (c)	(c) 10 Pair	Mt	379.00	53.00	20,087.00
						-
41.00	MSR 1-11-34	Supplying, installing, testing & commissioning Digital type EPABX 8 x 48 extension as per specification No. WG-TW	Job	1.00	1,16,298.00	1,16,298.00
						-
42	GSR 4005	Supplying and fixing following size moduleas GI box alongwith modular base and cover plate for modulator switches in recess etc. as required				-
	4005 (a)	1 or 2 Module (75 mm x 75 mm) Cat A	Each	37.00	151.00	5,587.00
						-
43	GSR 4002	Supplying and fixing following modular switch/ socket on the existing modular plate and switch box including connections but excluding modular plate etc. as required				-
	4005 (f)	Telephone socket outlet Cat A	Each	37.00	120.00	4,440.00
						-
44.00	MSR 1-11-1	Supplying, erecting & commissioning Main Distribution Frame (MDF) Box 50 x 50 pairs as per specification no. 'WG-TW.	Each	1.00	1651.00	1,651.00
						-

45	GSR 15673	Providing & fixing G.I. pipes complete with G.I. fittings including trenching & re-filling etc. (external work).				-
	15673 (f)	50 mm nominal bore	Mt	401.00	569.00	2,28,169.00
						-
46	MR	Supplying ,installation ,testing and commissioning of wireless Access Point.	Each	12.00	24998.00	2,99,976.00
47	MSR 1-12-4	Supplying and fixing 3 meter length, UTP patch cord of Cat 6 type in position as per specification No. WG-COC/PC	Each	295.00	1651.00	- 4,87,045.00
						-
48	MR	Supplying, installation, testing and commisioning of projector 2700 lumens including all accessories as per the technical specifications.	Each	24.00	56912.00	13,65,888.00
						-
49	MR	Supplying, installation of ceiling mount for the projector inclusive of all accessories.	Each	20.00	7633.00	1,52,660.00
						-
50	MR	Supplying and laying of HDMI cables upto 15 meters in the existing conduit/ casing capping.	Each	24.00	6081.00	1,45,944.00
						-
51	MR	Supplying and laying of RCA cables upto 15 meters in the existing conduit/ casing capping.	Each	24.00	4140.00	99,360.00
						-
52	MR	Supplying and laying of Audio cables upto 15 meters in the existing conduit/ casing capping.	Each	24.00	3364.00	80,736.00
53	MR	Supplying, installation, testing and commisioning of fixed type manual pull down screen of minimum 5ft x 7ft including all accessories as per the technical specifications.	Each	20.00	14102.00	- 2,82,040.00
						-

54.00	MR	Supplying, installation, testing and commisioning of portable screen of minimum 5ft x 7ft including all accessories as per the technical specifications.	Each	4.00	7763.00	31,052.00
						-
55	MR	Supplying, installation, testing and commisioning of wall mount speakers 15W for PA system.	Each	150.00	2329.00	3,49,350.00
						-
56	MR	Supplying, installation, testing and commisioning of 750W Amplifier for PA system as per the technical specifications.	Each	3.00	62747.00	1,88,241.00
						-
57	MR	Supplying, installation, testing and commisioning of 10000W Amplifier for PA system as per the technical specifications.	Each	1.00	88881.00	88,881.00
						-
58	MR	Supplying and laying of 2 core 1.5 sqmm speaker cable for the PA system in the provided conduit.	Mt	1617.00	82.00	1,32,594.00
						-
59	MR	Supplying and laying of 2 core shielded speaker cable between the amplifiers for the PA system in the provided conduit.	Mt	194.00	116.00	22,504.00
						-
60	MR	Supplying and erecting HD Fixed Dome Camera, 1/3" CMOS, 720p, 25/30fps, 0.05lux(color), WDR, SDN, f=2.8-12mm, PoE, SDHC card	Each	36.00	59771.00	21,51,756.00
						-
61	MR	Supplying and erecting 720P with 60fps vandal-proof IR bullet camera, H.264 HP/MP/BP, TDN, 3.3~12mm vari-focal, IPv6, ONVIF2.0+, Tampering Detection, Audio Detection, Gigabit Ethernet, PoE, 24VAC/12VDC	Each	8.00	75555.00	6,04,440.00
						-
62	MR	Supplying and erecting Network Video Recorder (Local system, NOT support HUS XPRO integration): Include Storage	Each	1.00	14131.00	14,131.00

		Server, Windows Server Standard, SQL Server Express, HUS software. License covers 128 video channels/128 alarm zones/128 card readers and 5 user clients.				
						-
63	MR	Supplying and installing 2TB HDD for theonline data backup.	Each	5.00	15525.00	77,625.00
						-
64.00	MR	Supplying, installing, testing and commissioning of Client PC workstation, Quad-core (i7 or above is recommended), Memory: 4GB (8GB or above is recommended); Video card: 1GB twin display port independent video card ; Hard disk: 80GB , Network card: 1000Mbps , Audio card (optional though recommended), 12 function keyboard and a mouse pointing device, DVD drive Software Requirements • Windows 7 • Microsoft .Net Framework 2.0 SP2 • Microsoft Internet Explorer 6.0 with Service Pack 1 or higher	Each	1.00	124200.00	1,24,200.00
						-
65	MR	Supplying, installing, testing and commissioning of 32" LCDs TV for the CCTV system.	Each	2.00	43082.00	86,164.00
						-
66	MR	Supplying, installing, testing and commissioning of 42 U Network Rack with all accessories	Each	1.00	78919.00	78,919.00
						-
67	MR	Supplying and laying of POE CAT 6 cable in the provided conduit.	Mt	1260.00	44.00	55,440.00
						-
68	MR	Supplying, installation, testing and commsioning of 5.1 channel multimedia speakers.	Each	20.00	7119.00	1,42,380.00 -

69	MR	Supplying, installation, testing and commsioning of 2.1 channel multimedia speakers.	Each	4.00	2792.00	11,168.00
						-
70	MR	Supplying & errecting of 15-20W LED Track Light along with driver with all necessary material. a) HAVELLS - CYLINDROTSS15W857S38DWHT b) WIPRO - LD57-251-036-40-XX	Rmt	5258.84	1000.00	52,58,840.00
						-
71	MR	**Introder Alarm**	Nos	11.00	61,500.00	6,76,500.00
72	MR	**Providing computers**	Nos	15	1,00,000.00	- 15,00,000.00 -
73	MR	**Solar system**	KW	6	60,000.00	3,60,000.00
		SUB TOTAL				**1,75,61,884.00**
E		**HVAC**				
		Climate and humidity controller for galleries				-
74	MR	Supplying and erecting split type room air-conditioning unit 2 TR 5 Star capacity 250V, 50 cycles AC supply having 2 No. of air handling unit hi wall mounting type complete at position as per specification no. AP-AC/SAC	Each	22.0	51614.00	11,35,508.00
		SUB TOTAL				**11,35,508.00**
		TOTAL ESTIMATED AMOUNT				**4,47,47,912.30**

DOCUMENTS OF THE PROJECT FOR APPLICATION

DOCUMENT 5A

DOCUMENT 5A

Government of Goa
Directorate of Museums
Old Secretariat, Panaji – Goa

No. 3/66/2018/DM- 155 **Date: 06/03/2024**

Report of the Expert Committee

The Government of Goa had constituted expert committee under the chairmanship of Hon'ble Chief Minister/Minister of Museum to examine the Departmental Project Report (DPR) for availing Museum Grant Scheme of Ministry of Culture, Government of India for construction of new museum building of "Goa State Museum". A committee was constituted consisting of the following members.

1. Hon'ble Chief Minister/Minister for Museum	Chairman
2. Secretary (Museums)	Member
3. Shri. Abhijit Sadhle, Conservation Architect, Specializes in Pre-Portuguese Architecture.	Member
4. Dr. Varsha V. Kamat, Professor, History, PES College, Ponda, Goa.	Member
5. Ms. Anjali N. Mapari, Curator, Darohar, Indian Customs and Central Excise Museum,Panaji, Goa.	Member
6. Dr. Balaji Shenvy, Archivist (Publication), Department of Archives, Panaji-Goa	Member
7. Director, Directorate of Museums	Member Secretary

The committee is notified in the official Gazette of Government of Goa on 8th September 2022 in series II, No.23.

The terms of reference for the committee are:

1. To fulfill the criteria of Museums Grant Schemes in its present form.
2. To examine Departmental Project Report and to ensure that it's in accordance with the guidelines issued by Ministry of Culture, Government of India, for availing Museum Grant Scheme for construction of new museum building of "Goa State Museum".

The Committee had following two seating's to discuss the Departmental Project Report.

1. Meeting dated 11/05/2023 at Rajya Kar Bhavan, Altinho, Panaji, Goa.
2. Meeting dated 13/11/2023 at Conference Hall, Mantralaya, Porvorim, Goa.

The Committee examined the Departmental Project Report (DPR) and the presentation made by consultant and given suggestions on following points.

Civil Work:

1. The Committee advised to take into consideration the problem of water seepage/ logging due to severe monsoons in Goa.

Curatorial Aspects:

1. The Committee examined Curatorial narratives and exhibition in details such as display, layout, lighting, mounting, accessibility, thematic grouping, conservation, storage, etc.
2. The Committee also suggested that some galleries may incorporate interactive elements such as touch screens, multimedia display, hands-on activities to engage visitors and encourage interaction with the exhibits.
3. The Committee advised that the entrance of the galleries in the narrow conical spaces should be avoided and ensures smooth and efficient movement for visitors.
4. The Committee recommended installing of HVAC (Heating, Ventilation and Air Conditioning) system for maintaining temperature control in the Museum.
5. In the DPR the estimated amount for curatorial narratives of Rs.4, 47,912.00 is reflected.

The committee found that, after considering all the facts and the presentation made by consultant, the committee is satisfied with DPR.

(Dr. Vasu M. Usapkar)
Director of Museums/
Member Secretary

Phone No: (0832) 2434406, 2436006 E-mail: museum@goamuseum.gov.in

DOCUMENTS OF THE PROJECT FOR APPLICATION

DOCUMENT 5B

(DRAWINGS)

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Acknowledgments

I wish to express my deep gratitude and sincere thanks to **Hon'ble Chief Minister of Goa, Dr. Shri Pramod Sawant**, for his encouragement and support for preparing this DPR and applying for the Museum Grant Scheme under the Ministry of Culture.

I thank our **Secretary for Museum, Shri. Prasad Lolayekar**for his valuable guidance. I extend my appreciation to the Managing Director of Goa State Infrastructure Development Corporation and also to his staff who helped me in the preparation of DPR.

Dr. Vasu M. Usapkar
(Director of Museums)