

SAMPLE FORMATS

UNDER TAKING

This is to certify that

1. My firm has neither been associated, directly or indirectly, with the Consultant or with any other entity that has prepared the design, specifications, and other documents for the Project nor has any person associated with been proposed as Project Manager for the Contract.
2. My firm has not engaged any agency and any of its affiliates engaged by the Engineer-in-Charge to provide consulting services for the preparation or supervision of this work.
3. My firm has not engaged any Engineer of gazetted rank employed in Engineering or Administrative duties in an Engineering Department of the Government of Odisha or other gazetted officer retired from Government service during last two years without prior permission of the Government of Odisha in writing on or before submission of this tender. I am aware that my contract is liable to be cancelled if either I or any of my employees is found any time to be such a person who had not obtained the permission of the Government of Odisha as aforesaid.

Signature of the Tenderer

Date:- -----

- Note:
- i. Strike out whichever is not applicable
 - ii. In case any person is under his employment with due permission from Government, the same

SCHEDULE - I**RELATIONSHIP DECLARATION**

To,

The Chief Administrator, Shree Jagannatha Temple Administrator, Puri.

Subject : Construction of Branch Office Building of Shree Jagannath Temple Administration, Puri at Jatni.

Reference: Bid Identification No SJTA No. / 2023-24.

Sir,

Pursuant to clause 2 of the ITB, it is to inform that I have relative(s) employed as an Officer in the rank of an Assistant Engineer/Under Secretary under the Works Department. His (Their) details are as follows.

Relationship:

Name :

Designation :

Office :

Address :

Pursuant to clause 2 of the ITB, I am to submit herewith the names of persons who are working under my firm having near relatives to any gazetted officer in the rank of an Assistant Engineer/Under Secretary in the Works Department.

Sl. No.	Name of the my employee and his designation in the firm	Presently working at	Details of his relatives working in the Department
			Relationship
			Name:
			Designation
			Office
			Address
			Relationship
			Name:
			Designation
			Office
			Address

I am also duty bound to inform the relationship of any subsequent employment with any gazetted officer in the rank of an Assistant Engineer/Under Secretary in the Works Department. I am aware that any breach of this condition would render my firm liable for penal action for suppression of facts.

Yours Sincerely

Signature of the Tenderer

Date:- -----

Signature of Contractor

Superintending Engineer
Shree Jagannath Temple, Puri

OSD (Development)
Shree Jagannath Temple, Puri

SCHEDULE - I

MEMORANDUM OF UNDERSTANDING

First Party I Sri/Smt....., Aged years, S/O-
 At / P.O. / Dist-..... (hereinafter called the First Part)

AND

Second Party I Sri/Smt....., Aged years, S/O-
 At /
 P.O. / Dist-..... (hereinafter called the Second Part) having H.T. / L.T. / M.V. license
 registration
 No..... valid upto

AND WHEREAS the First Party of 1st part is the managing partner of

AND WHEREAS the First Party willing to appoint the Second Party to execute the E.I.
 (including Fire Fighting work) portion for the tender work, "....."

AND WHEREAS the Second Party accepted the offer of First Party.

NOW THIS DEED OF AGREEMENT WITNESSES AS FOLLOWS;

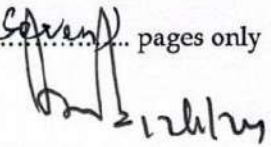
- 1) That, the Second Party shall do all E.I. works, if the tender is awarded to First Party.
- 2) That, the Second Party shall fulfill all the E.I. works as per the tender schedule by instruction of Engineer-in-Charge
- 3) That, the First Party shall receive payment, signing the bill the document for the concerned work
- 4) That, the Second Party shall abide the rules, regulations and specification of E.I. works of above said matter

In witness where of Both the party have signed in presence of
 WITNESS

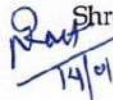
W1 -

W2 -

Total: - 67 (Sixty Seven) pages only APPROVED for 67 (Sixty Seven) pages only


 OSD (Development)

Shree Jagannath Temple, Puri


 14/01

Signature of Contractor

Superintending Engineer
 Shree Jagannath Temple, Puri

OSD (Development)
 Shree Jagannath Temple, Puri



SHREE JAGANNATH TEMPLE OFFICE, PURI

BID IDENTIFICATION NO- ୪୪/2023-24 /Dt. .../୧୨.୦୮.୨୦୨୪

COVER - II

FINANCIAL BID DOCUMENTS

**CONSTRUCTION OF BRANCH OFFICE BUILDING OF SHREE
JAGANNATH TEMPLE ADMINISTRATION, PURI AT JATNI.**

(Composite Tender)

Estimated Cost put to Tender : ₹210.32 lakh approx.

**CHIEF ADMINISTRATOR
SHREE JAGANNATH TEMPLE, PURI**

BILL OF QUANTITIES

Name of Work :Construction of Branch Office Building of Shree Jagannath Temple Administration, Puri at Jatni.

Estimated Cost Put to Tender :- ₹2,10,31,582/-

Last date & Time of receipt of tender :- Dt.30-01-2024 up to 3:00 P.M.

Item No.	Description of Items	Unit	Quantity	Rate	Amount
1	2	3	4	5	6
CIVIL ITEMS					
01.	Earthwork in excavation of foundation in all kinds of soil with 11 leads and lifts including shoring,shuttering, propping bullahs, piling,dewatering from foundation, with & working pumps & staking the excavated materials away from the working area including rough dressing the bed and foundation tranches to required size including cost, conveyance, taxes, cess, royalties of all materials, cost of all labour, T&P required for the work etc. complete n all respec as per specification & direction of Engineer-in-charge	One Cum.	653.890	₹ 211.00	₹ 1,37,970.79
02.	Supplying and filling in foundation and plinths with sand well watered and compacted including cost of all materials, labour, conveyance, loading and unloading, taxes, cess, royalties, addl. charges, DMF & EMF, watering, sundries, tools and plants, etc., complete n all respec as per the direction of the Engineer-in-charge.	One Cum.	207.570	₹ 854.20	₹ 1,77,306.29
03.	Plain Cement Concrete(1:3:6) using 40mm.size HBG C.B. course aggregates including cost , carriage, royalty, addl. charges, DMF & EMF and all other taxes if any excluding GST, all labour charges , T & P, curing for the required period, cost of scaffolding etc. complete in all respect as per direction of the Engineer-in-Charge.	One Cum.	112.110	₹ 5,697.50	₹ 6,38,746.73
04.	R.C.C. work of M-30 in following works using 20mm down graded hard black crusher broken granite stone chips of approved quality from aproved quarry excluding the cost and conveyance of Steel and binding wire including hoisting loweing, laying and compacting concrete, watering curing, centering , shuttering and finishing the exposed surfaces smooth with cost, conveyance, royalties, addl.charges, DMF,EMF,all other taxes excluding GST , with all labour and T&P required for the work etc.complete in all respect as per the direction of the Engineer-In-Charge-				
04.01.	Column Footing -	One Cum.	80.050	₹ 6,548.10	₹ 5,24,175.41
04.02.	Column-Ground Floor -	One Cum.	12.700	₹ 16,496.50	₹ 2,09,505.55
04.03.	Column-1st Floor -	One Cum.	23.080	₹ 18,651.10	₹ 4,30,467.39
04.04.	Column-2nd Floor -	One Cum.	1.270	₹ 21,232.00	₹ 26,964.64
04.05.	Plinth Beam -	One Cum.	27.430	₹ 7,383.10	₹ 2,02,518.43

Signature of Contractor

Superintending Engineer
Shree Jagannath Temple, Puri

OSD (Development)
Shree Jagannath Temple, Puri

Item No.	Description of Items	Unit	Quantity	Rate	Amount
04.06.	Lintel-Ground Floor -	One Cum.	3.770	₹ 13,626.64	₹ 51,372.43
04.07.	Lintel-1st Floor -	One Cum.	3.410	₹ 15,207.30	₹ 51,856.89
04.08.	Lintel-2nd Floor -	One Cum.	0.080	₹ 17,099.42	₹ 1,367.95
04.09.	Chujja-Ground Floor -	One Sqm.	13.420	₹ 1,143.00	₹ 15,339.06
04.10.	Chujja-1st Floor -	One Sqm.	17.620	₹ 1,299.00	₹ 22,888.38
04.11.	Chujja-2nd Floor -	One Sqm.	1.910	₹ 1,485.80	₹ 2,837.88
04.12.	Beam-Ground Floor -	One Cum.	13.970	₹ 16,496.50	₹ 2,30,456.11
04.13.	Beam-1st Floor -	One Cum.	13.270	₹ 18,651.10	₹ 2,47,500.10
04.14.	Beam-2nd Floor -	One Cum.	1.040	₹ 21,232.00	₹ 22,081.28
04.15.	Roof Slab-Ground Floor -	One Cum.	34.390	₹ 13,008.10	₹ 4,47,348.56
04.16.	Roof Slab-1st Floor -	One Cum.	34.390	₹ 14,465.00	₹ 4,97,451.35
04.17.	Roof Slab-2nd Floor -	One Cum.	2.360	₹ 16,208.70	₹ 38,252.53
04.18.	Stair-Ground Floor -	One Cum.	2.330	₹ 14,384.70	₹ 33,516.35
04.19.	Stair-1st Floor -	One Cum.	2.330	₹ 16,117.00	₹ 37,552.61
04.20.	Garage -	One Cum.	2.460	₹ 6,190.30	₹ 15,228.14
05.	Supplying steel i.e. Tor Steel / HYSD Bars from primary producer of SAIL / Tiscon / RINL / JINDAL STEEL / SHYAM STEEL make (grade Fe-500D) including straightening, cutting, bending, binding, welding and jointing if necessary and tying the grills and placing in position as required for R.C.C. Work and providing fan hooks as required, hoisting, lowering, laying including cost, conveyances, taxes tor steel and binding wires of 18 to 20 gauge and labour required for the work for bending, binding and tying the grills in all floors with labour cess etc. (Linear measurement will be taken and quantity will be calculated on standard weight of tor steel / HYSD bars for all heights) complete in all respect as per specification & direction of Engineer-in-charge.				
05.01.	Ground Floor -	One Qntl.	227.370	₹ 8,850.10	₹ 20,12,247.24
05.02.	1st Floor -	One Qntl.	81.500	₹ 8,876.20	₹ 7,23,410.30
05.03.	2nd Floor -	One Qntl.	6.500	₹ 8,903.60	₹ 57,873.40

Signature of Contractor

Superintending Engineer
Shree Jagannath Temple, Puri

OSD (Development)
Shree Jagannath Temple, Puri

Item No.	Description of Items	Unit	Quantity	Rate	Amount
06.	Fly Ash brick masonry in cement mortar (1:6) (Using Branded Cement) in foundation & plinth using Fly Ash bricks of 23x11x 8 cm size having a crushing strength of not less than 75 kg./sqcm with dimensional tolerance $\pm 2\%$ including splays cutting circular moulding chamfering and corbelling and similar such type of works with all necessary projections watering and curing after immersing the bricks in water at least for six hours before use including cost, conveyance, royalties, addl. charges, DMF & EMF and taxes of all materials with all labour,labour cess and T & P required for the work complete in all respect as per specification & direction of Engineer-in-charge.	One Cum.	151.120	₹ 5,118.10	₹ 7,73,447.27
07.	Fly Ash brick masonry in cement mortar (1:6) (Using Branded Cement) in foundation & plinth using Fly Ash bricks of 23x11x 8 cm size having a crushing strength of not less than 75 kg./sqcm with dimensional tolerance $\pm 2\%$ including splays cutting circular moulding chamfering and corbelling and similar such type of works with all necessary projections watering and curing after immersing the bricks in water at least for six hours before use including cost, conveyance, royalties, addl. charges, DMF & EMFand taxes of all materials with all labour,labour cess and T & P required for the work complete in all respect as per specification & direction of Engineer-in-charge.				
07.01.	Ground Floor -	One Cum.	200.510	₹ 5,151.40	₹ 10,32,907.21
07.02.	1st Floor -	One Cum.	62.110	₹ 5,444.50	₹ 3,38,157.90
07.03.	2nd Floor -	One Cum.	45.000	₹ 5,781.40	₹ 2,60,163.00
08.	Providing 12 mm thick cement mortar 1:6 (1 cement : 6 sand)(using branded cement) to outside surface / plumbed surface of masonry, raking out joints, scrapping and cleaning the surface and finishing the plastered surface smooth to proper plumb and levels and providing grooves or beads where ever necessary, including cost of all materials, labour, conveyance, loading and unloading, taxes, cess, royalties, addl. charges, DMF & EMF, scaffolding, watering, curing for required period, sundries, tools and plants etc. complete as per the direction of the Engineer-in-charge.				
08.01.	Ground Floor -	One Sqm.	968.300	₹ 164.50	₹ 1,59,285.35
08.02.	1st Floor -	One Sqm.	314.020	₹ 168.10	₹ 52,786.76
08.03.	2nd Floor -	One Sqm.	224.510	₹ 171.90	₹ 38,593.27

Signature of Contractor

Superintending Engineer
Shree Jagannath Temple, Puri

OSD (Development)
Shree Jagannath Temple, Puri

Item No.	Description of Items	Unit	Quantity	Rate	Amount
09.	Providing 16 mm thick cement plaster with cement mortar of mix (1:6) (Using Branded Cement) with screened and washed sharp sand for mortar and finished smooth to the inside rough surface of walls in all heights after racking out joints including watering and curing for required period , rounding of corners, providing grooves or beads where ever necessary with cost, conveyance, royalties, addl. charges, DMF & EMF, and taxes of all materials with cost of all labour,labour cess, T&P, and scaffolding required for the work etc. complete in all respect as per specification & direction of Engineer-in-charge.				
09.01.	Ground Floor -	One Sqm.	826.630	₹ 223.80	₹ 1,84,999.79
09.02.	1st Floor -	One Sqm.	268.950	₹ 229.20	₹ 61,643.34
09.03.	2nd Floor -	One Sqm.	38.940	₹ 234.80	₹ 9,143.11
10.	Providing 2.5cm thick Grading Concrete over roof slab with cement concrete (1:2:2) (Using Branded Cement) using 4.7mm size hard granite crusher broken chips and screened & washed sharp sand and finished smooth to the rough surface of roof slab including watering and curing with cost, conveyance, royalties, addl. charges, DMF & EMF, and taxes of all materials with cost of all labour, labour cess and T&P required for the work etc. complete in all respect as per specification & direction of Engineer-in-charge.				
10.01.	1st Floor -	One Sqm.	269.860	₹ 373.70	₹ 1,00,846.68
10.02.	2nd Floor -	One Sqm.	23.600	₹ 409.20	₹ 9,657.12
11.	Supplying, fitting and fixing of tiles of premium grade of approved make a shade (Orient Bell, Somany, Kajaria, Johnson) in floors on 20mm thick bed of C.M. (1:4) (Using Branded Cement) and filling the joint with white cement mixed with pigment to match the shades of the tile including washing and cleaning with oxalic acid complete including cost, conveyance, royalties, addl. charges, DMF & EMF, and taxes of all materials, curing for required period, labour, labour cess, T&P etc. required for the work complete in all respect as per specification & direction of Engineer-in-charge.				
11.01.	Ground Floor - Vitrified Tile	One Sqm.	220.480	₹ 1,568.10	₹ 3,45,734.69
11.02.	Ground Floor - Granite (0.10 Sqm. to 0.0.40Sqm. Size)	One Sqm.	24.180	₹ 2,034.20	₹ 49,186.96
11.03.	Ground Floor - Chequered tiles	One Sqm.	22.200	₹ 765.30	₹ 16,989.66
11.04.	1st Floor - Vitrified Tile	One Sqm.	165.600	₹ 1,582.50	₹ 2,62,062.00
11.05.	1st Floor - Ceramic(Anti-skid)	One Sqm.	19.860	₹ 1,018.70	₹ 20,231.38

Signature of Contractor

Superintending Engineer
Shree Jagannath Temple, Puri

OSD (Development)
Shree Jagannath Temple, Puri

Item No.	Description of Items	Unit	Quantity	Rate	Amount
12.	Providing, fitting, fixing tiles of premium grade having thickness 10mm confirming to IS 13756 of (homogenous) of approved make (Orient Bell, Somany, Kajaria, Johnson) in dados skirting and risers of steps on 12mm thick cement plaster (1:3) (Using Branded Cement) jointed with neat cement mixed with pigment to match the shades of the tiles including washing and cleaning with oxalic acid and polishing etc. complete, curing for required period, with cost, conveyance, royalties, addl. charges, DMF & EMF and taxes of all materials all labour, labour cess complete in all respects as per specification & direction of Engineer-in-charge.				
12.01.	Ground Floor - Vitrified Tile	One Sqm.	18.930	₹ 1,588.60	₹ 30,072.20
12.02.	Ground Floor - Ceramic(Glazed)	One Sqm.	38.240	₹ 893.20	₹ 34,155.97
12.03.	1st Floor - Vitrified Tile	One Sqm.	20.870	₹ 1,622.00	₹ 33,851.14
12.04.	1st Floor - Ceramic(Glazed)	One Sqm.	72.850	₹ 909.30	₹ 66,242.51
13.	Filling foundation and plinth with excavated earth ramming etc complete as per approved drawing and technical specifications complete in all respect & as per direction of the Engineer-in-Charge.	One Cum.	411.300	₹ 117.80	₹ 48,451.14
14.	Supplying, fitting and fixing of WPC chouchats of approved make and approved quality complete with frame shutters and all fittings and fixtures, including cost, conveyance charges, all taxes excluding GST etc., all labour T & P etc. complete in all respect as directed by the Engineer-in-charge.				
14.01.	Ground Floor -	Rmt.	95.240	₹ 721.78	₹ 68,742.33
14.02.	1st Floor -	Rmt.	138.100	₹ 721.78	₹ 99,677.82
15.	Supplying, fitting and fixing 25cm to 30cm long of 35mmx5mm size to doors, windows and ventilators including fixing in C.C. (1:3:6) with 6mm to 18mm size hbg chips, curing for required period, with cost, conveyance, royalties, addl. charges, DMF & EMF and taxes of all materials all labour, cess complete in all respects as per specification & direction of Engineer-in-charge.	One Kg.	68.500	₹ 100.00	₹ 6,850.00
16.	Providing and fixing ISI marked 35mm. thick flush door shutters conforming to IS 2202(Part-I) decorative type core of block board construction with frame of 1st class hard wood and well matched teak three ply veneering with vertical grains or cross bands and face veneers on both faces of shutters of approved design including cost of all fittings and fixture including cost, conveyance charges, all taxes excluding GST etc. complete in all respect as directed by the Engineer-in-charge.	One Sqm.	26.110	₹ 14,943.20	₹ 3,90,166.95
17.	Supplying, fitting and fixing of S.S.(304 grade) grill to door & windows including cost, conveyance of all taxes of materials, all labour T & P etc. complete as directed by the Engineer-in-charge.				

Signature of Contractor

Superintending Engineer
Shree Jagannath Temple, PuriOSD (Development)
Shree Jagannath Temple, Puri

Item No.	Description of Items	Unit	Quantity	Rate	Amount
17.01.	Ground Floor -	One Qntl.	870.750	₹ 459.30	₹ 3,99,935.48
17.02.	1st Floor -	One Qntl.	1,007.250	₹ 459.30	₹ 4,62,629.93
18.	Plain Cement Concrete(1:2:4) using 12mm.size HBG C.B. course aggregates including cost , carriage, royalty, addl. charges, DMF & EMF and all other taxes if any excluding GST, all labour charges , T & P, curing for the required period, cost of scaffolding etc. complete in all respect as per direction of the Engineer-in-Charge.	One Cum.	30.560	₹ 7,124.70	₹ 2,17,730.83
19.	Supplying, fitting and fixintg of UPVC window including cost, conveyance, all taxes of all materials, labour and T&P etc. Complete in respect as directed by the Engineer-in-charge.	One Kg.	168.340	₹ 8,643.30	₹ 14,55,013.12
20.	Supplying,fitting and fixing up Al. Door with OEL anodised Al door section of 9202 as vertical member, 9201 as top member and 9200 as bottom and middle member and 6mm plain glass in top portion with 12mm thick prelaminated board in bottom portion fixed in door frame by means of tapered clip No. 4660 and the frame to be completed by means of jointed angle No. 1855 including all cost of labour, T&P, hire charge of drilling machine etc. complete. made up Alluminium Section 151-154,151-155 as window frame section no. 11-155,151-153, and 151-167 as shutter frame with 5mm thick black glass as panel fitted with rubber beading including locking arrangement including all fitting including cost of all materials all taxes, labour, T&P etc. complete in all respect as per direction of Engineer-in- charge.	One Sqm.	17.300	₹ 4,805.10	₹ 83,128.23
21.	Finishing wall surface with painting two coats with Weather coat paint (1st quality) exterior grade of approved make & approved shade to make an even finished surface in all floors and heights with all scaffolding and staging charges including cost, conveyance, cess, taxes of all materials, cost of all labours, T & P, sundries etc. as required for the work complete in all respect as per the direction of the Engineer-in-Charge.				
21.01.	Ground Floor -	One Sqm.	1,525.180	₹ 154.80	₹ 2,36,097.86
21.02.	1st Floor -	One Sqm.	114.310	₹ 158.60	₹ 18,129.57
22.	Painting two coats with Synthetic enamel paint of approved quality and shade over a coat of primer (Red Oxide Primer) on surfaces as specified below Steel Surface) to give an even shade with 2 coats of approved quality paint, including cost of all materials, labour, conveyance, taxes, cess, scaffolding, sundries. tools and plants, etc., complete in all respect as per the direction of the Engineer-in-charge.				
22.01.	Ground Floor -	One Sqm.	105.270	₹ 224.70	₹ 23,654.17

Signature of Contractor

Superintending Engineer
Shree Jagannath Temple, Puri

OSD (Development)
Shree Jagannath Temple, Puri

Item No.	Description of Items	Unit	Quantity	Rate	Amount
22.02.	1st Floor -	One Sqm.	100.190	₹ 230.70	₹ 23,113.83
23.	Finishing wall surface of walls with Acrylic wall putty of approved make and finished smooth and even surface to receive painting including cost of scaffolding & staging charges with cost of all materials, taxes, cess, labour, conveyance, royalties, tools and plants, etc. complete in all respect as per the direction of the Engineer-in-charge.				
23.01.	Ground Floor -	One Sqm.	280.120	₹ 143.60	₹ 40,225.23
23.02.	1st Floor -	One Sqm.	268.950	₹ 145.10	₹ 39,024.65
24.	Providing and applying painting over the plastered surfaces with 2 coats of Plastic emulsion paint of approved quality and shade, using the required quantity of Plastic emulsion paint as specified by the manufacturer to give an even shade including cost of all materials, labour, conveyance, taxes, cess, royalties, scaffolding, sundries, tools and plants, etc., complete in all respect as per the direction of the Engineer-in-charge.				
24.01.	Ground Floor -	One Sqm.	896.740	₹ 306.40	₹ 2,74,761.14
24.02.	1st Floor -	One Sqm.	688.310	₹ 311.60	₹ 2,14,477.40
25.	Factory make single leaf FRP sandwich composite door/window shutter of 32mm thick laminated with two GRP skins with wood grain finish etc. including cost, conveyance, all taxes with all fittings etc. complete in all respect as directed by the Engineer-in-charge.	One Sqm.	15.010	₹ 2,943.56	₹ 44,182.84
26.	Supplying fitting and fixing stainless steel of 304 grade in hand railing/Gate/Shutter using 50mm dia of 2mm thick circular pipe with Balustrade of size 32 mm x 32mm x 2 mm @ 0.90 mtr C/C and stainless square pipe bracing of size 32mm x 32 mm x 2mm in 3 rows in stair case as per approved design and specification, buffing polishing etc with cost conveyance taxes of all material labour T&P etc required for the complete in all respect as directed by the Engineer-in-charge.	One Kg.	872.300	₹ 459.30	₹ 4,00,647.39
27.	Providing close graded granular sub base with grading-VI stone screening materials as per clause 401 of MoSRT&H Specification for Road and Bridge works (4th revision) including all cost, carriage, royalty, addl. charges, DMF & EMF etc. complete in all respect as directed by the Er.-in-charge.	One Cum.	60.000	₹ 2,079.80	₹ 1,24,788.00

Signature of Contractor

Superintending Engineer
Shree Jagannath Temple, Puri

OSD (Development)
Shree Jagannath Temple, Puri

Item No.	Description of Items	Unit	Quantity	Rate	Amount
28.	Providing and laying 80mm thick factory made cement concrete inter locking paver block of M-30 grade and approved make variety, colour and size made by block making machine with strong vibratory compaction of approved design and shape laid in required color and pattern over 50mm thick compacted bed of coarse sand filling the joints with fine sand etc. complete including cost, conveyance, royalty taxes of all materials, labour and T&P etc. complete in all respect as per the direction of Engineer-in-charge (Referring to CPWD AOR Vol-2 item No.16.681)	One Sqm.	300.000	₹ 976.40	₹ 2,92,920.00
				SUB-TOTAL =	₹ 1,57,00,741.01
ELECTRICAL ITEMS					
A	Sub-Head I (modular Wiring Items)				
29.	Recessed wiring to light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLSH/LSZH PVC insulated copper conductor of ISI marked Make-Finolex/Anchor/Polycab/HAVELLS/RR KABLE/KEI or equivalent reputed make A category ISI marked as approved with 20 mm/25MM dia PVC flexible non metallic conduit FRLS type ISI marked Make-AKG/Anchor/Havells or equivalent reputed make A category ISI marked as approved 6A modular type (flame retardant type) switch ISI marked Make-Schneider(Zencelo)/legrand(Arteor) / Panasonic (vision) or equivalent reputed make & model A category ISI marked as approved, and ceiling rose ISI marked Make-Anchor/Havells of modular type G.I box with metallic cover plate (both side) (flame retardant type) Make-Schneider(Zencelo)/legrand(Arteor) /Panasonic (vision)or equivalent reputed make & model A category ISI marked as approved of suitable size, modular box with 1.5 sq. Mm FRLSH PVC insulated single core multistandard copper conductor as earth wire including all accessories this condition shall not exceed 10% of the Tendered Value of work or to the Tendered Value of the item or group of items of work for which a separate period of completion is originally given. The amount of compensation may be adjusted or set-off against any sum payable to the Contractor under this or any other contract with the Government. In case the contractor does not				
27.1	GROUP-A	Nos	90	₹ 505.00	₹ 45,450.00
27.2	GROUP-B	Nos	60	₹ 702.90	₹ 42,174.00
27.3	GROUP-C	Nos	70	₹ 954.00	₹ 66,780.00

Signature of Contractor

Superintending Engineer
Shree Jagannath Temple, PuriOSD (Development)
Shree Jagannath Temple, Puri

Item No.	Description of Items	Unit	Quantity	Rate	Amount
28.	Group control of point in Recessed wiring to light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLSH/LSZH PVC insulated copper conductor of ISI marked Make- Make- Finolex/Anchor/ Polycab/ HAVELLS or equievalant reputed make A catagory ISI marked as approved as approved 20 mm dia PVC flexible non metallic conduit FRLS type ISI marked Make- AKG/Anchor/Kinjal or equievalant reputed make A catagory ISI marked as approved with 6A modular type((falme retradant type)) switch ISI marked Make- Schneider(Zencelo)/ legrand(Arteor) / Panasonic (vision) or equievalant reputed make & model A catagory ISI marked as approved, and ceiling rose ISI marked Make- Schneider(Zencelo) /legrand(myrius) /Panasonic (Equievalant model) or equievalant reputed make & model A catagory ISI marked as approved of modular type G.I box with metallic cover plate (both side) falme retradant type) Make-Schneider(Zencelo)/ legrand(Arteor) /Panasonic (vision)or equievalant reputed make & model A catagory ISI marked as apprmprovement capacitors are provided with hermetically sealed housing to ensure long and trouble fee service. Terminal soldering tango shall be provided for easy electrical connections. The capacitors in general shall confirm to IS:1569-1963 and P.F improvement up to 0.95 for twin fluorescent light fittings and 0.9 for single fluorescent light fittings. In case the contractor does not achieve a particular milestone mentioned in contract data, or the rescheduled milestone(s) in terms of Clause-2.5, the amount shown against that milestone shall be withheld, to be adjusted	Nos	30	₹ 993.00	₹ 29,790.00
29.	Supplying ,fixing of 6A Plug on the same board in existing switch board with complete fitting by 01 no of 6A switch & socket (modular type)((falme retradant type)) & other required accessories of ISI marked as approved as per direction of Engg. -in -Charge. Make- Schneider(Zencelo)/legrand(Arteor) /Panasonic (vision) or equievalant reputed make & model A catagory ISI marked as approved, complete suitable for for Salaine area.(Maximum 02 nos point in one circuit).All the switches & sockets should be warrantied for a replacement period of 10 years against defects with ncessary test report & Warrnaty certificate to be submitted to the department for genuinity of product & to avail free aftersales service within warranty period for acceptance of materials.	Nos	48	₹ 192.00	₹ 9,216.00

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Item No.	Description of Items	Unit	Quantity	Rate	Amount
30.	Supplying,fixing of 6A Plug on the separate board with complete fitting by 01 no of 6A switch & socket(modular type)((falme retradant type)) with suitable size modular box & cover(falme retradant type) including supplying of all required accessories of ISI marked as approved as per direction of engg-in-charge..Make-Schneider(Zencelo)/legrand(Arteor) /Panasonic (vision) or equievalant make & model ISI marked as approved , complete suitable for Residence.(Maximum 02 nos point in one circuit).All the switches & sockets should be warrantied for a period of 10 years against manufacturing defects against which ncessary test report & Warrnaty certificate to be submitted to the department for genuinity of product & to avail free aftersales service within warranty period for acceptance of materials.	Nos	48	₹ 501.00	₹ 24,048.00
31.	Supplying,fixing of 1x16A Plug on the separate board with complete fitting by 01 no of 16A switch & socket(modular type)(falme retradant type)) with suitable size modular box & cover(falme retradant type) including supplying of all required accessories of ISI marked as approved as per direction of engg-in-charge.. Make-Schneider(Zencelo)/legrand(Arteor) /Panasonic (vision)or equievalant reputed make A catagory ISI marked as approved, (For equipement power)All the switches & sockets should be warrantied for a replacement period of 10 years against defects with ncessary test report & Warrnaty certificate to be submitted to the department for genuinity of product & to avail free aftersales service within warranty period for acceptance of materials.	Nos	10	₹ 638.00	₹ 6,380.00
32.	Supplying,fixing of OUTDOOR TYPE 1x6A+1X1 6A Plug on the separate board with complete fitting by 01 no of 16A+1 no 6A switch & socket(modular type) ((falme retradant type) with suitable size modular box & metallic cover plate (both side)(falme retradant type)including supplying of all required accessories of ISI marked as approved as per direction of engg-in-charge..Make-Schneider(Zencelo)/legrand(Arteor) /Panasonic (vision)or equievalant reputed make & model A catagory ISI marked as approved, (For equipement power)complete suitable for for Salaine area Residence(Maximum 02 nos point in one circuit).All the switches & sockets should be warrantied for a replacement period of 10 years against defects with ncessary test report & Warrnaty certificate to be submitted to the department for genuinity of product & to avail free aftersales service within .warranty period for acceptance of materials.	Nos	14	₹ 1,247.00	₹ 17,458.00

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Item No.	Description of Items	Unit	Quantity	Rate	Amount
33.	Recess wiring for circuit/submain wiring with the following mentioned size PVC FRLSH/LSZH insulated, copper conductor, single core cable (Finolex/Anchor/Polycab/ HAVELLS/RR KEBLE) or equivalent reputed make A category ISI marked as approved, in recessed PVC conduit Heavy duty FRLS of mentioned size (AKG/Anchor/Kinjal or equivalent ISI marked as approved) as required as per direction of Engg.-in-Charge. Necessary test report & Warranty certificate to be submitted to the department for genuinity of product & to avail free after sales service within warranty period for acceptance of materials				
34.	2 nos single core 1.5 sq. mm copper wire for phase and neutral and 01 no of single core 1.5 sq. mm copper wire for earth continuity conductor. In 20 mm/25 mm dia non metallic heavy duty flexible conduit (LDB to LSB/LIGHT CKT)(2X1.5+1X1.5)	Mtr	114	₹ 112.00	₹ 12,768.00
35.	2 nos single core 2.5 sq. mm copper wire for phase and neutral and 01 no of single core 1.5 sq. mm copper wire for earth continuity conductor in 20 mm dia non metallic heavy duty flexible conduit.(BDB to LSB/LIGHT CKT/5A PLUG/INVERTER POINT TO EACH QTR) (2X2.5+1X1.5)	Mtr	134	₹ 124.00	₹ 16,616.00
36.	2 nos single core 4 sq. mm copper wire for phase and neutral and 01nos of single core 2.5 sq. mm copper wire for earth continuity conductor .in 25 mm dia non metallic heavy duty flexible conduit(LDB to LSB/5A SOCKET) (2x4+1X2.5)	Mtr	147	₹ 182.00	₹ 26,754.00
37.	2 nos single core 6sq. mm copper wire for phase and neutral and 01 no of single core 4 sq. mm copper wire for earth continuity conductor in 20 mm/25 mm dia non metallic heavy duty flexible conduit .(PDB to PSB/ GAYSER POINT/AC POINT/ROOM LIGHT CONTROL TO CORRIDOOR POINT/DG PANEL ESSENTIAL LOAD) (2X6+1X4)	Mtr	240	₹ 259.00	₹ 62,160.00
38.	2 nos single core 6 sq. mm copper wire for phase and neutral and 01 no of single core 2.5 sq. mm copper wire for earth continuity conductor in 25 mm dia non metallic heavy duty flexible conduit .(LFDB TO LBDB) (2X6+1X2.5)	Mtr	364	₹ 204.00	₹ 74,256.00

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Item No.	Description of Items	Unit	Quantity	Rate	Amount
39.	Supplying and fixing 20 amps, 240 volts, SPN, industrial type socket outlet, with 2 pole and earth metal enclosed plug top along with 32 amps. C-series, SP MCB, in sheet steel enclosure, on surface or in recess, with chained metal cover for the socket outlet, and complete with connections, testing and commissioning etc. as required as per direction of Engg.-in-Charge.. . Make-Legrand/Schneider/Siemens/panasonic or equievalant reputed make & model A catagory ISI marked as approved,All the Components should be warrantied for a replacement period of 5 years against defects with ncessary test report & Warrnaty certificate to be submitted to the department for genuinity of product & to avail free aftersales service within warranty period for acceptance of materials.	Nos	22	₹ 606.00	₹ 13,332.00
40.	Supplying and fixing 32 amps, 415 volts, TPN, AC socket outlet, with 4 pole and earth metal enclosed plug top along with 32 amps. C-series, TP MCB, in sheet steel enclosure, on surface or in recess, with chained metal cover for the socket outlet, and complete with connections, testing and commissioning etc. as required as per direction of Engg.-in-Charge.. . Equievalant higher model of Make-Legrand/Schneider/Siemens/panasonic equievalant reputed make & model A catagory ISI marked as approved.All the Components should be warrantied for a replacement period of 5 years against defects with ncessary test report & Warrnaty certificate to be submitted to the department for genuinity of product & to avail free aftersales service within warranty period for acceptance of materials.	Nos	18	₹ 4,301.00	₹ 77,418.00
41.	Supplying and fixing following size/ modules, GI box along with modular base & metallic cover plate (both side) plate for modular switches in recess etc as required as per direction of Engg.-in-Charge. MAKE-Legrand/Siemens/Anchor/Panasonic/ Schneider or equievalant reputed make & model A catagory ISI marked as approved .All the Components should be warrantied for a replacement period of 5 years against defects with ncessary test report & Warrnaty certificate to be submitted to the department for genuinity of product & to avail free aftersales service within warranty period for acceptance of materials.				
41.1	4 moudle(100mmx100mm)	Nos	20	₹ 262.00	₹ 5,240.00
41.2	3 Module (75 mm x 75mm)	Nos	18	₹ 248.00	₹ 4,464.00
41.3	8 module (200mm x100 mm)	Nos	33	₹ 347.00	₹ 11,451.00

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Item No.	Description of Items	Unit	Quantity	Rate	Amount
41.4	1 mouldle(75mmx25mm)	Nos	28	₹ 215.00	₹ 6,020.00
41.5	12 mouldle(200mmx150mm)	Nos	10	₹ 477.00	₹ 4,770.00
42.	Supplying and fixing of following sizes of medium class PVC FRLS conduit ISI marked along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required as per direction of Engg.-in-Charge .MAKE -AKG/Anchor or equievalant reputed make A catagory ISI marked as approved				
42.1	Supply and fixing CALL bell (Ding dong type) / Buzzer on the existing switch box/cover. Equievalant higher model of Schneider/ Hager/Siemens/ Anchor/ Panasonic make or equievalant reputed make & model A catagory ISI marked as approved .as required as per direction of Engg.-in-Charge.All the Components should be warrantied for a replacement period of 5 years against defects with ncessary test report & Warrnaty certificate to be submitted to the department for genuinity of product & to avail free aftersales service within warranty period for acceptance of materials.	Nos	6	₹ 203.00	₹ 1,218.00
42.2	S/F of Bakelite angle holder/batten holder (make-Anchor/Havells/Panasonic or equievalant reputed make A catagory ISI marked as approved)of ISI marked conforming to IS-1258/1987 in place of ceiling rose as per direction of Engg.-in-Charge .All the Components should be warrantied for a replacement period of 5 years against defects with ncessary test report & Warrnaty certificate to be submitted to the department for genuinity of product & to avail free aftersales service within warranty period for acceptance of materials.	EACH	5	₹ 58.00	₹ 290.00
42.3	Supplying,fixing of Blanking plate(modular type)(falme retradant type)) in existing switch box(anti bacterial & falme retradant type) including supplying of all required accessories of ISI marked as approved as per direction of engg-in-charge..Make-Schneider (Zencelo)/legrand(Arteor) / Panasonic (vision), complete suitable for Salaine area.It should be warrantied for a period of 10 years against manufacturing defects against which necessary test report & Warrnaty certificate to be submitted to the department for genuinity of product & to avail free aftersales service within warranty period for acceptance of materials.	Nos	20	₹ 42.00	₹ 840.00
B	Sub-Head II (Light fitting Fixture & Fan)				

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Item No.	Description of Items	Unit	Quantity	Rate	Amount
43.	Supplying, installation, of exhaust fan of heavy duty 150 mm sweep (Iron body)(Make-Equievalant higher model with 5 star rated of Havells/almonard/Anchor/Panasonic/Usha/Halonix/Crompton or equievalant reputed make & model A catagory ISI marked as approved) of exhaust fan in the existing wall, including fixing & conntection as required as per direction of Engg.-in-Charge. Replacement Warranty will be 5 years.	Nos	8	₹ 2,150.00	₹ 17,200.00
44.	Supplying, installation, testing and commssioning of 1200 mm sweep white/milky colour ceiling fan Make-Equievalant higher model with 5 star rated of Havells/almonard/Anchor/Panasonic/Usha/Halonix/Crompton or equievalant reputed make & model A catagory ISI marked as approved) including wiring the down rod of standard length (upto 30 cm) with 1.5 sq mm PVC insulated, copper conductor, single core cable etc. as required.(With fan Regulator) as required as per direction of Engg.-in-Charge.Replacement Warranty will be 5 years.	Nos	32	₹ 2,200.00	₹ 70,400.00
45.	Supplying, installation, testing and commssioning of 400 mm sweep wall bracket white/milky colour ceiling fan Make-Equievalant higher model with 5 star rated of Havells/almonard/Anchor/ Panasonic/ Usha/Halonix/Crompton or equievalant reputed make & model A catagory ISI marked as approved) including wiring the down rod of standard length (upto 30 cm) with 1.5 sq mm PVC insulated, copper conductor, single core cable etc. as required.(With fan Regulator) as required as per direction of Engg.-in-Charge.Replacement Warranty will be 5 years.	Nos	18	₹ 2,430.00	₹ 43,740.00
46.	Supplying and fixing of Energy efficient surface mounted square shape 15W LED luminaire of dimension of round type ceilling type white powder coated , die-cast Alluminium housing with high quality frosted diffuser for glare-free uniform lighting distribution with wattage not more than 18watt and lumen output of 1500 lumens, , CRI not less than 80,CCT of 6000 degree K,THD less than 10%, with electronic driver, internal surge protection of 2.5 KV , L70 B50: 30000 hrs (2 yrs warranty) and all other accessories suitable for operation on 220 V to 240 V supply as required as per direction of Engg.-in-Charge. (Make : (Make: wipro LD80-171-60-XX-SM or similar model of LT/Trilux /Philips/Panasonic/HALONIX or equievalant reputed make & model A catagory ISI marked as approved).The luminaire should be Replacement Warranty will be 5 years	Nos	70	₹ 1,385.00	₹ 96,950.00

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Item No.	Description of Items	Unit	Quantity	Rate	Amount
47.	Supplying and fixing of Energy efficient recess mounted LED luminaire with white powder coated ,pressure die-cast Al housing ,with high transmittivity,non-yellowing PMMA diffuser, with wattage not more than 18 watt and lumen output not less than 2600 Lumen (120 lumens/watt) of size 595 x595 x 70 mm , ,CRI not less than 80,CCT of 5700-6500 degree K,THD less than 10%, with Non integrated isolated driver (protects the output /secondary side from any disturbance on the input / primary side ensuring safe operation), all other accessories , life : 50,000 burning hours (5 years warranty) , Internal surge protection of 3 KV suitable for operation on 230 V, 50 Hz supply as required as per direction of Engg.-in-Charge. (Make: wipro LDB1-171-XXX-60-SM or similar model of LT/Trilux /Philips/Panasonic/HALONIX or equievalant reputed make & model A catagory ISI marked as approved.) The luminaire should be Replacement Warranty will be 5 years.	Nos	20	₹ 1,815.00	₹ 36,300.00
48.	SITC of energy efficient LED tube light fittings with decorative alluminium batten and LED tube light having power rating not more than 20 watt and lumen output not less than 2200 lumen complete with electronic driver and all other accessories with diffuser having 5 years warranty i/c connection etc as required as per direction of Engg.-in-Charge. (Make: wipro LL20-221 --or similar model of LT/Trilux /Philips/Panasonic/HALONIX or equievalant reputed make & model A catagory ISI marked as approved.). The luminaire should be Replacement Warranty will be 5 years .	Nos	30	₹ 791.00	₹ 23,730.00
49.	SITC of LED street light watt 60Watt light fitting with IP 66 complete with all accessories etc. With 5 mtr 4 inch dia G.I pole with supply cable directly on wall, including connection with 1.5 sq. mm FRLS PVC insulated, copper conductor, 3 core cable and earthing etc. as required as per direction of Engg.-in-Charge.With G.i Junction box with 6 Amp SP MCB . (Make : PHILIPS/Wipro/Crompton/HALONIX or equievalant reputed make & model A catagory ISI marked as approved.)The luminaire should be Replacement Warranty will be 5 years	Nos	15	₹ 18,500.00	₹ 2,77,500.00
50.	Supplying and fixing of small focus light for small monuments as 10W , 4000 K required as per direction of Engg.-in-Charge (Make: wiproLD98-900----or similar model of LT/Trilux /Philips/Panasonic/HALONIX or equievalant reputed make & model A catagory ISI marked as approved.)The luminaire should be Replacement Warranty will be 5 years	Nos	4	₹ 1,366.00	₹ 5,464.00

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Item No.	Description of Items	Unit	Quantity	Rate	Amount
51.	Supply and fixing of 450 watt /400 watt Modular type Fan regulator	Nos	42	₹ 975.00	₹ 40,950.00
C	(Earthing) INSTALLATION				
52.	SITC of copper plate earthing of pipe earth electrode made out of 50mm dia class B G.I. pipe of 3.0 metre long with 600 mm x600 mm x3 mm arrangements for fitting/ termination of G.I. flat / wire with G. I. nut bolts & washers including cost of burnt wood charcoal, salt, foreign soil, water pouring arrangements, brick masonry enclosure on top with removable RCC cover complete with labour for excavation of pit in all kinds of soil & rock as required and as per direction of Engineer-in-charge. The entire earthing system should be Replacement Warranty will be 5 years	Nos	2	₹ 22,000.00	₹ 44,000.00
53.	Supply & fixing of 25 x 54 mm flat for 2 no earth chamber copper bus bar 1' x 5 mm x 25 mm bottom of pit to LT panel.	mtr	20	₹ 975.00	₹ 19,500.00
D	CABLING AND END TERMINATION MAIN AREA				
54.	Supplying of one number PVC insulated armoured and PVC sheathed XLPE property Cu.. conductor power cable of 1.1 KV grade POLYCAB/HAVELLS/ Finolex or equievalant reputed make ISI marked as approved of following size cables as per direction of Engg.-in-Charge. Ncessary test report & Warmaty certificate to be submitted to the department for genuinity of product & to avail free after sales service within warranty period for acceptance of materials				
54.1	3.5core x 70 sq mm (for main 01 no)	Mtr	30	₹ 613.90	₹ 18,417.00
54.2	3.5core x 50 sq mm (for main 01 no)	Mtr	25	₹ 459.90	₹ 11,497.50
54.3	3.5core x 35sq mm (for main 01 no)	Mtr	25	₹ 283.50	₹ 7,087.50
55.	Supplying of one number PVC insulated armoured and PVC sheathed XLPE property 3.5 core x 95 sq mm Al. conductor power cable of 1.1 KV grade POLYCAB/HAVELLS/Finolex or equievalant reputed make ISI marked as approved of following size cables as per direction of Engg.-in-Charge. Ncessary test report & Warmaty certificate to be submitted to the department for genuinity of product & to avail free after sales service within warranty period for acceptance of materials from LT 3 phase 4 wire pole to building OH/UG with 2 span 3 phase 4 wire LT pole AB Conductor	job	1	₹ 49,885.00	₹ 49,885.00
56.	LAYING OF CABLE				
57.	Laying of PVC Insulated PVC Seated /XLPE power cable of 1.1 kv grade size of above 3 nos cable direct in ground in the trench in one horizontal formation including excavation ,sand coushing protection covering and refilling the trench etc as required as per direction of Engg.-in - charge.	Mtr	70	₹ 200.00	₹ 14,000.00

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Item No.	Description of Items	Unit	Quantity	Rate	Amount
58.	Providing,fixing and laying of fallowing dia 100 mm HDPE pipe (medium class) in ground complete with fitting incl. trenching(1.5 feet depth)and refilling as per direction of Engg.-in-Charge.	mtrs	70	₹ 397.00	₹ 27,790.00
E	PANELS				
	MDB Power panel				
59.	S/I/T&Commissioning of LT indoor floor mounted cubical type electrical main panel (for both light and power circuit) made out by 2mm CRCA steel sheet duly derusted & pented by simens gray powder cote paint is designed as G.A drawing as per direction of Engg.-in-Charge. Warrentee period of replacement of panel & accessories must be 5 years & compelete test certificate must be submitted along with panel board including component list.	Set	1	₹ 1,60,000.00	₹ 1,60,000.00
	In commer- 01 number of 250 Amps 4P MCCB (3P +NL)with Rom & sprader link,25 kA. . with 4 nos 300Amp Cu bus bar size of 40x 5 mm copper strip.. (make-ABB/Siemens/SCHNEIDER/L&T/Legrand, ISI marked)(Icu=100%Ics)with shunt trip.with axulary for BMS				
	Out going- 100A 4P MCB 2 NOS (25KA) with with adjustable thermal setting FOR POWER BDB GF,FDB L 1F,2F & 3F (Legrand/Schneider make), 01 set of digital type multifunction meter with CT for voltage,current,frequency,PF,THD indication. 3numbers phase indicating lamp with toggle switch & HRC fuse.				
	MDB light panel				
60.	In commer- 01 number of 160Amps 4P MCCB (3P +NL)with Rom & sprader link,25 kA. . with 4 nos 40x6 Cu bus bar (make-ABB/Siemens/SCHNEIDER/L&T/Legrand, ISI marked)(Icu=100%Ics)with shunt trip.with axulary for BMS				
60.1	Out going- 100A 4P MCB 1 NO (25KA) with with adjustable thermal setting FOR POWER BDB GF,FDB L 1F,2F & 3F (Legrand/Schneider make), 01 set of digital type multifunction meter with CT for voltage,current,frequency,PF,THD indication. 3numbers phase indicating lamp with toggle switch & HRC fuse. With 6nos 63 A 4 P MCB ,32 A 4P 3 nos ,6 no 32 A DP MCB	set	1	₹ 1,20,000.00	₹ 1,20,000.00
	SDB Panel (L1 +L2+L3)				

Item No.	Description of Items	Unit	Quantity	Rate	Amount
60.2	In commer- 01 number of 63Amps 4P MCCB (3P +NL)25Amp 2p RCCB (100 mA) sensitivity following 6 no 32 Amp SP MCB C ,6 way TPN * segment DB metalic double door . sprader link,25 kA. . with 4 nos 40x6 Cu bus bar . (make-ABB/Siemens/SCHNEIDER/L&T/Legrand, ISI marked)(Icu=100%Ics)with shunt trip.with axulary for BMS	nos	4	₹ 24,500.00	₹ 98,000.00
61	DB External light incomer 63Amp MCB -1 folow 40 Amp AC-3 isolater outgoing 4 no 6-32Amp 2 pole MCB 'c'	set	1	₹ 5,500.00	₹ 5,500.00
F	Air condition				
62.	Supply installation testing & commissioning of 2.2 ton Split AC machine 100 % copper 3 star complete with inner and outer units . Make- Misitubishi /O-general /Toshiba/IFB	nos	10	₹ 52,760.00	₹ 5,27,600.00
63.	Supply & fixing of 5 KVA stablizer with 0-300 V auto . Make-V- guard /Live Guard	nos	10	₹ 8,000.00	₹ 80,000.00
64.	Supply installation testing & commissioning of 1.5 ton Split AC machine 100 % copper 3 star complete with inner and outer units . Make- Misitubishi /O-general /Toshiba/IFB	nos	4	₹ 42,000.00	₹ 1,68,000.00
65.	Supply & fixing of 4 KVA stablizer with 0-300 V auto . Make-V- guard /Live Guard	nos	4	₹ 7,000.00	₹ 28,000.00
G	Fire Fighting				
66.	Supply & fixing of Co2 4.5 KG fire extinguisher squez grip ,discharge less than 10 sec	nos	4	₹ 2,600.00	₹ 10,400.00
67.	Supply & fixing of ABC powder 6 kg fire extinguisher containing powder fitted with discharge hose wall mounting with clamp complete	nos	4	₹ 5,500.00	₹ 22,000.00
				SUB-TOTAL =	₹ 25,82,804.00
P.H. ITEMS					
68.	Supplying all materials , labour, T&P and providing and fixing to wall or ceiling and floor PVC pipes conforming to C-PVC1785/89 (Sch-80) and G.I pipe fittings of the following nominal bore with clamps including making good the wall,ceiling and floor ,testing all complete as per P.H. specification and direction of Engineer-in-charge .				
68.1.	20mm dia C-PVC Pipe In ground floor	mtr	10.00	₹ 276.90	₹ 2,769.00
68.2.	25mm dia C-PVC Pipe In ground floor	mtr	30.00	₹ 378.40	₹ 11,352.00
68.3.	25mm dia UPVC ASTM-D Pipes In ground floor	mtr	40.00	₹ 226.00	₹ 9,040.00
68.4.	40mm dia UPVC ASTM-D Pipes In ground floor	mtr	40.00	₹ 330.20	₹ 13,208.00
68.5.	50mm dia UPVC ASTM-D Pipes	mtr	120.00	₹ 488.50	₹ 58,620.00
68.6.	20mm dia C-PVC Pipe In 1st floor	mtr	10.00	₹ 285.60	₹ 2,856.00
68.7.	25mm dia C-PVC Pipe In 1st floor	mtr	25.00	₹ 387.10	₹ 9,677.50
68.8.	40mm dia UPVC ASTM-D Pipes	mtr	30.00	₹ 340.70	₹ 10,221.00

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Item No.	Description of Items	Unit	Quantity	Rate	Amount
69.	Supplying all materials,labour,T&P and cutting holes through existing brick work including making good the damages in cement mortar(1:4) for taking GI pipes and fittings/PVC pipes and fittings etc.all complete as per PH specification and direction of the Engineer-in-charge.250mm thick wall In ground floor	each	6	₹ 52.00	₹ 312.00
69.1.	250mm thick wall In First floor	each	6	₹ 52.90	₹ 317.40
70.	Supplying all materials , labour, T&P and cutting holes in RCC floors and roofs upto 19cm thick for passing P.V.C pipes and G.I fittings etc. , and repairing the holes after insertion of pipe etc. with cement concrete (1:2:4) including finishing complete so as to make it leak-proof as per P.H. specification and direction of Engineer-in-charge In ground floor	each	5	₹ 171.10	₹ 855.50
70.1.	In First floor	each	5	₹ 171.90	₹ 859.50
71.	Supplying all materials , labour, T&P and cutting grooves in pucca floors and walls for taking P.V.C pipes and G.I fittings etc. and making good the damages including finishing complete as per P.H. specification and direction of Engineer-in-charge. In ground floor	mtr	40.00	₹ 191.90	₹ 7,676.00
71.1.	In First floor	mtr	35.00	₹ 197.40	₹ 6,909.00
72.01.	Supplying all materials , labour, T&P and fitting and fixing brass/CP fittings of following nominal bore with supply of all jointing materials complete as per P.H. specification and direction of Engineer-in-charge 15 mm dia CP Bib cock (Jaquar)FLR-CHR-5047N	Each	6	₹ 1,656.70	₹ 9,940.20
72.02.	15 mm dia CP long body Bib cock (Jaquar)FLR-ABR-5011N	Each	2	₹ 2,074.90	₹ 4,149.80
72.03.	15 mm dia CP two way Bib cock (Jaquar)(FLR-ANQ-5041N)	Each	9	₹ 2,444.10	₹ 21,996.90
72.04.	15mm dia CP angle stop cock(Jaquar)-FLR-ABR-5053N)	Each	17	₹ 1,722.70	₹ 29,285.90
72.05.	Angle cock self closing system for urinal(As per Cat No.PRS-CHR-077 of Jaquar)	Each	3	₹ 2,288.50	₹ 6,865.50
72.06.	20mm dia CP concealed stop cock (Jaquar - FLR-ABR-5089N)	Each	3	₹ 1,968.70	₹ 5,906.10
72.07.	15 mm dia CP Pillar Cock Swain neck(Jaquar)CON-CHR-123BKN	Each	9	₹ 2,246.00	₹ 20,214.00
72.08.	15mm dia CP Health Faucet (ALD-CHR-579) Jaquar make)	Each	9	₹ 1,361.40	₹ 12,252.60
72.09.	25mm dia UPVC Ball Valve	Each	8	₹ 632.70	₹ 5,061.60
72.10.	40mm dia UPVC Ball Valve	Each	8	₹ 1,663.20	₹ 13,305.60
72.11.	50mm dia UPVC Ball Valve	Each	8	₹ 2,738.60	₹ 21,908.80
72.12.	15mm dia. C.P extension piece	each	40	₹ 59.30	₹ 2,372.00
72.13.	125mm Grating	each	21	₹ 85.50	₹ 1,795.50
72.14.	15mm dia. C.P flange	each	40	₹ 40.30	₹ 1,612.00
72.15.	15mm CP Revolving shower with shower Arm. (OHS-CHR-35497 ,SHA-ABR-455L600)	each	3	₹ 8,567.90	₹ 25,703.70

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Item No.	Description of Items	Unit	Quantity	Rate	Amount
73.01.	Supplying all materials , labour, T&P and fixing rotational moulded polyethylene cylindrical vertical water storage tanks conforming to IS:12701/1996 including cutting holes through the tank and fixing mild steel tubes and fittings and providing extra sockets and jam nuts, fixing ball valve etc. including hoisting upto a height of 5 metres above ground level and placing the tank to the required position and providing 5.40 mtr. lengthx0.25 mtr width KB brickwork in cement mortar (1:6) of 0.46m height in staging and 0.13mtr thick circular protection wall of 0.46mtr height to support the tank,12mm thick cement plaster in cement mortar (1:6) over brick work, RCC slab of size 1.60mX1.60m and 0.10m thick ,RCC beam of 0.25mx0.30m and 3.40m average length in cement concrete (1:2:4) using 12mm size crusher broken hard black granite chips and required steel reinforcement including centering and shuttering,watering,curing ,cost of all materials,conveyance of all materials to worksite , payment of royalty, all taxes etc.all complete as per approved drawing , P.H. specification and direction of Engineer-in-charge 2000 liters capacity PVC water storage tank (Roof of 2nd Floor)	Each	2.00	₹ 43,914.70	₹ 87,829.40
74.	Supplying all materials,labour,T&P and fitting and fixing U-PVC SWR soil waste ventilating pipes and fittings of the following outside diameter conforming to ISI No.13592/1992 to walls with nails,bobbins and wooden plugs or laying in trenches including jointing with supply of approved rubber lubricant by non-heat application method/as per manufacturer's specification,testing,earthwork in excavation in all kinds of soil and refilling of trenches as per specification and direction of Engineer-in-charge (Make- Ashirvad, Oriplast, Supreme or equeivalent)110mm dia. U-PVC SWR pipes(Type-B)	mtr	130.00	₹ 482.38	₹ 62,709.40
74.01.	110mm dia. U-PVC door bend	each	30.00	₹ 293.60	₹ 8,808.00
74.02.	110mm dia. U-PVC plain bend	each	30.00	₹ 232.00	₹ 6,960.00
74.03.	110mm dia. U-PVC tee	each	30.00	₹ 322.70	₹ 9,681.00
74.04.	110mm dia. U-PVC "P" trap	each	3.00	₹ 497.30	₹ 1,491.90
74.05.	110mm dia. U-PVC plain shoe bend	each	10.00	₹ 232.00	₹ 2,320.00
74.06.	110mm dia. U-PVC offset without ear	each	30.00	₹ 407.40	₹ 12,222.00
74.07.	110mm dia. U-PVC vent cowl	each	7.00	₹ 58.20	₹ 407.40
74.08.	110mm dia. U-PVC socket plain	each	20.00	₹ 160.10	₹ 3,202.00
74.09.	110mm dia PVC SWR Clamp/Clip.	Each	50	₹ 42.80	₹ 2,140.00
75.	Supplying all materials , labour, T&P and cutting holes through existing brick or laterite masonry wall for taking U-PVC / HCI pipes and fittings including making good the damages etc. all complete as per P.H. specification and direction of Engineer-in-charge.In ground floor 250mm to 375mm thick wall	each	20.00	₹ 218.50	₹ 4,370.00

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Item No.	Description of Items	Unit	Quantity	Rate	Amount
76.	Supplying all materials ,labour ,T&P and fixing Wash basin with hole for pillar taps with cast iron or MS brackets painted white including cutting holes in walls and making good the damages with supply of wooden plugs, screws and cement etc. fixing pedestral for wash basin recessed at the back for the reception of pipes and fittings, fixing PVC waste pipe of 32mm nominal diameter for wash basin including brass check nut complete, fixing pillar taps capstan head screw down high pressure lettered 'Hot' and 'Cold' with long screws, shanks and back nuts of 15mm dia nominal bore, fixing 15mm dia PVC inlet connection pipe and making connection with pillar cocks and supply mains for wash basin , fixing 12mm dia CP brass waste etc.all complete as per specification and direction of Engineer-in-charge. Under Counter Basin(ACS-WHT-87701)	each	4	₹ 5,071.99	₹ 20,287.96
76.1.	Half pedestal basin(Jaquar)FNS-WHT-40801 & 40305.	each	5	₹ 6,201.20	₹ 31,006.00
77.	Supplying all materials ,labour ,T&P and fixing Mirror of superior glass mounted on 6mm thick A.C. sheet or ply wood sheet and fixed to wooden plugs with chromium plated brass screws and washers etc.all complete as per specification and direction of Engineer-in-charge Best quality Mirror 2'X3' SIZE	sqm	4.05	₹ 1,784.00	₹ 7,225.20
78.	Supplying all materials,labour,T&P and fixing standard sized Glass-shelf with C.P brass bracket and guard rail complete fixed to wooden pluges with screw etc.all complete as per specification and direction of Engineer-in-charge.600mmx125mm size glass shelf with C.P guard rail	each	5	₹ 4,088.50	₹ 20,442.50
79.	Supplying all materials, labour, T&P and fixing standard sized CP towel rail complete with CP brass brackets fixed to wooden plugs with CP screws as per specification and direction of the Engineer in charge.25mmx600mm long CP towel rail	Each	9	₹ 708.50	₹ 6,376.50
79.1.	CP towel ring	Each	9	₹ 475.70	₹ 4,281.30
80.	Supplying all materials, labour, T&P and fixing standard sized CP soap holder complete as per specification and direction of the Engineer in charge.Fixing CP soap holder AGA-ANG-31731	Each	9	₹ 184.70	₹ 1,662.30
81.	Supplying all materials, labour, T&P and fixing bowl pattern urinal conforming to IS:771-part-3-1985 of the following sizes including connecting the urinal with 32mm dia pvc waste pipe 910mm long by means of white lead mixed with chopped hemp, fixing 32mm dia CP dome waste, 15mm dia CP spreader including cutting holes in walls and making good the damages with supply of wooden plugs, screws and cement etc all complete as per specification and direction of the Engineer in charge.Half stall urinal (Jaquar)URS-WHT-132530	Each	3	₹ 6,683.17	₹ 20,049.51
81.1.	32mm dia C.P. dome waste	Each	3	₹ 128.50	₹ 385.50

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Item No.	Description of Items	Unit	Quantity	Rate	Amount
82.	Supplying all materials, labour, T&P and fixing glazed earthenware squatting plate of size 600mmx350mm with integral longitudinal flushing pipe including embedding the plate in 25mm cement mortar (1:8) laid over 150mm cement concrete (1:5:10) using 40mm hard granite metal all complete as per specification and direction of the Engineer in charge Squatting urinal of size 600mmx350mm (Parryware/ Neycer/ Hindware)	Each	1	₹ 3,004.80	₹ 3,004.80
83.	Supplying all materials , labour, T&P and fixing Vitreous china water closet ,squatting pan (Indian type W.C. pan / Orissa pattern squatting pan) duly embedded in cement concrete 1:5:10 using hard granite metal 4cm nominal size including fixing a pair of vitreous china 250mmx130mmx30mm foot rest, fixing 100mm dia hci 'P' or 'S' trap for water closet squatting pan including jointing the trap with pan in cement mortar (1:1), cutting the floor and mending good the damages etc. all complete as per P.H. specification and direction of Engineer-in-charge.Fixing 580mmx440mm size Orissa pan (O.W.C.)(Kerovit/Parryware/Hindware/Neycer/Rak)	each	2	₹ 3,447.70	₹ 6,895.40
84.	Supplying all materials, labour, T&P and fixing the following vitreous china Wash Down Water Closet (European type W.C pan) with integral 'P' or 'S' trap to the floor with wooden plug and chromium plated pedestal screws including jointing the trap with soil pipe in cement mortar (1:1), fixing plastic seat and cover for wash down water closet with chromium plated brass hinges and rubber buffers including polishing etc all complete as per specification and direction of the Engineer in charge.European water closet with 'S' trap plain (Parryware/Hindware/Neycer/Rak)	Each	6.00	₹ 2,665.20	₹ 15,991.20
85.	Supplying all materials, labour T&P and and fixing 10 liters capacity low level flushing cistern with a pair of cast iron or M.S. brackets complete with fittings such as siphonic arrangements 15mm nominal size brass/pvc ball valve with polythene float CP brass handle,unions and couplings for connection with inlet, outlet and overflow pipes, 32mm dia CP long flush bend, 15mm dia pvc inlet connection pipe including cutting holes and making good the same and connecting the flush bend with cistern and closet and conncting the inlet pipe with suupply main etc all complete as per the specification and direction of the Engineer in charge.10 Liters capacity PVC cistern with 32mm dia flush bend (Slimline white-Parryware make)	each	8	₹ 1,526.80	₹ 12,214.40

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Item No.	Description of Items	Unit	Quantity	Rate	Amount
86.	Supplying all materials ,labour ,T&P and fixing wash kitchen sink with outlet at end and weir overflow including fitting and fixing a pair of cast iron or MS brackets painted white, fixing 50mm/40mm dia CP brass waste , fixing 50mm/40mm dia PVC waste pipe 910mm long with supply of wooden plugs, screws and cement etc. including cutting holes in walls and making good the damages etc.all complete as per specification and direction of Engineer-in-charge.600x450x250 mm stainless steel kitchen sink-glossy-IS:13983 - 1994 (Jayna make)	Each	1	₹ 4,937.30	₹ 4,937.30
87.	Supplying all materials, labour, T&P and providing cement concrete (1:2:4) with 12mm size hard broken granite chips including watering, curing, conveyance of all materials to worksite, payment of royalty, taxes etc all complete as per specification and direction of the Engineer in charge.In Ground floor	cum	2.22	₹ 6,904.00	₹ 15,326.88
87.1.	First Floor	cum	1.93	₹ 7,238.50	₹ 13,970.31
88.	Factory made Solid WPC door frame of size 95mmx55mm fabricated . The door frame consist of four segments which are provided with plug-in-socket arrangement in-situ in the mould. The segments are plugged in and are joined together by means of screw. The WPC frame shall be provided with The material and process for manufacturing the door frames shall conform to Relavent I.S.specification. The finish of door frame will be plain colour white/ Ivory/ Beige/ Light grey/ Golden brown/Mahogany/ Teak wood/sand stone/Champagne/Pastel blue or any other colour using high quality pigments complete in all respect as per specification and direction of the Engineer in charge	Rmt	54.75	₹ 1,114.30	₹ 61,007.93
89.	Factory made single leaf Solid WPC (Wood polymer) composite door shutter of 25mm thick compacted with wood grain finish structural foam panel of 29mm thickness and a density of 20kg/cu.mtr shall be used as core material for fitting the metal fittings such as tower bolts, aldrops, handles etc shall be provided. A structural adhesive compatible with (EPS) foam shall be used for bending the core material. The material and process for manufacturing the door shutters shall conform to RV-TIFAC composites Design Centre's standards and specifications and the door shutters Conforming to relevant I.S.specification. The finish of door shutter will be plain colour white/ Ivory/ Beige/ Light grey/ Mahogany/ Teak wood or any other colour using high quality pigments. Three heavy whight mild steel butt hinges type-I (ISI marked) size 100mm are to be fitted on one side of shutter.	Sqm	14.60	₹ 3,430.60	₹ 50,086.76

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Item No.	Description of Items	Unit	Quantity	Rate	Amount
90.	Supplying all materials, labour, T&P and constructing gully trap chamber of the following inside size with 8cm thick R.C.C precast cover slab in cement concrete (1:2:4) mix using 12mm size h.g chips, foundation concrete (1:4:8) using 40mm size hard granite metal on bed and around trap, KB brickwork in cement mortar (1:6) in F&P and inside 12mm thick cement plastering (1:3) finished with a floating coat of neat cement including fixing 100mmx100mm size HCI gully trap, 150mmx150mm size CI grating etc all complete as per approved drawing, specification and direction of the Engineer in charge. Inside size 250mmx250mm	Each	6	₹ 1,646.20	₹ 9,877.20
91.	Supplying all materials, labour, T&P and providing and fixing ceramic tiles in floors, treads or steps and landing on 25mm thick bed of cement mortar (1:1) (1 cement : 1 sand) jointed with neat cement slurry mixed with pigment to match the shades of the tiles including watering, curing, cost of all materials, conveyance of all materials to work site , payment of royalty, all taxes etc all complete as per P.W.D specification and direction of Engineer-in-charge (ceramic floor tiles of premium grade having thickness 7mm to 8mm conforming to IS 13755 of size 40cmx40cm special printed series to be pre-approved by the Engineer-in-charge) Ground Floor Granite for Under Counter Basin	Sqm	4.07	₹ 2,631.20	₹ 10,708.98
91.1.	First Floor Granite for Under Counter Basin	Sqm	2.63	₹ 2,647.20	₹ 6,962.14
92.	Supplying all materials, labour, T&P and providing fitting and fixing (Aqua guard) Pure Chill 80 PSS UV of size 750x570x1350mm height with water storage capacity 80 liters along with 2 nos of faucets 1 for cold water and 1 for normal water including a flow of 1.5 ltr per minute etc all complete as per approved drawing, specification and direction of the Engineer in charge. Aqua guard Pure Chill 80 PSS UV	each	1	₹ 1,12,242.00	₹ 1,12,242.00
93.	Supplying all materials, labour, T&P and constructing inspection chamber of the following size with cement concrete (1:3:6) using 40mm size hard granite metal on bed, 1st class KB brickwork in cement mortar (1:6), moulding and shaping the channel inside and benching with cement concrete (1:2:4) using 12mm size h.g chips, 12mm thick cement plaster (1:3) with punning to inside, cement flush pointing (1:3) to outside, RCC cover slab in (1:2:4) using 12mm size h.g chips with RCC man hole cover, earthwork in excavation in all kinds of soil and refilling the cavity around the chamber including watering, curing, conveyance of all materials to worksite, payment of royalty, taxes etc all complete as per approved specification and direction of the Engineer in charge. Inside size 760mmx760mmx460mm	Each	6	₹ 9,912.40	₹ 59,474.40

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Item No.	Description of Items	Unit	Quantity	Rate	Amount
94.	Supplying all materials, labour, T&P and constructing man hole chamber of the following size with cement concrete(1:3:6) using 40mm size hard granite metal on bed, 1st class K.B brickwork in cement mortar(1:6), moulding and shaping the channel inside and benching with cement concrete (1:2:4) using 12mm size h.g chips, 12mm thick cement plaster (1:3) with punning to inside, cement flush pointing (1:3) to outside, R.C.C cover slab in (1:2:4) using 12mm size h.g chips with RCC man hole cover, earthwork in excavation in all kinds of soil and refilling the cavity around the chamber including watering, curing, conveyance of all materials to worksite, payment of royalty, taxes etc all complete as per approved specification and direction of the Engineer in charge. Man hole chamber Inside size 910mmx910mmx910mm	Each	6	₹ 19,300.50	₹ 1,15,803.00
94.1.	R.C.P.C Cover(18" round man hole cover)	Each	6	₹ 1,093.10	₹ 6,558.60
95.	Supplying all materials, labour, T&P and constructing soakway pit of the following size with dry brick walling from bottom upto invert of inlet pipe and 1st class K.B brickwork in cement mortar (1:6) for the remaining height at top, cement concrete (1:4:8) using 40mm size hg chips on bed, 12mm thick cement plaster (1:4) inside and outside over masonry brickwork, gravel backing in the rear of well steining, RCC cover slab in cement concrete (1:2:4) using 12mm size hg chips fitted with iron lifting handles including earthwork in open well excavation in all kinds of soil and refilling of cavity around the pit & painting the iron works, watering, curing, conveyance of all materials to worksite, payment of royalty, taxes etc all complete as per approved specification and direction of the Engineer in charge. Brick masonry soakway pit 1.4m dia x 2.00m deep	Each	2	₹ 23,274.60	₹ 46,549.20
96.	Supplying all materials, labour, T&P and laying in trenches (to level or slope) unplasticized PVC pipes conforming to IS: 4985/2000 of the following outside dia for class-3 (0.60mpa) including jointing with supply of approved solvent cement by non-heat application method/as per manufacturer's specification, providing and laying in trench cement concrete (1:4:8) with 40mm size hard granite metal in the Type C-1 standard bedding surrounding or encasing including concrete for bedding and curing etc all complete as per PH specification and direction of the Engineer in charge. 110mm dia u-pvc pipe around concrete	Mtr	40.00	₹ 1,232.70	₹ 49,308.00
96.1.	160mm dia u-pvc pipe around concrete	Mtr	40.00	₹ 2,012.20	₹ 80,488.00
97.	Earth work in excavation of foundation in all kinds of soil with in 1.5m initial lift including dressing and leveling of bed and breaking the clods and the excavated materials with in 50m initial lead as per direction of Engineer in charge.	Cum.	48.02	₹ 228.21	₹ 10,958.74

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Item No.	Description of Items	Unit	Quantity	Rate	Amount
98.	Earth work in excavation of foundation in all kinds of soil with in 1.5m initial lift including dressing and leveling of bed and breaking the clods and the excavated materials with in 50m initial lead as per direction of Engineer in charge with 1st extra lift of 1.50 m over initial lift.	Cum.	38.29	₹ 244.97	₹ 9,380.05
99.	Supplying all materials labour T&P filling sand in foundation and plinth with well watered and rammed etc all complete as per direction of Engineer-in-charge.	Cum.	4.80	₹ 817.10	₹ 3,922.08
100.	Supplying all materials, labor T&P providing CC (1:3:6) with 4 cm HG metal including watering curing lead of all materials to site etc. complete.	Cum.	4.80	₹ 5,494.20	₹ 26,372.16
101.	Supplying all labor T&P & Providing C.C. (1:2:4) with 12mm size broken hard granite chips including watering curing & lead of all materials to site etc. all complete.	Cum.	3.11	₹ 6,904.00	₹ 21,471.44
102.	Providing C.C. (1:1½:3) with 12mm size hard granite chips of RCC work including hoisting and laying and curing with lead of all materials to site.	Cum.	7.96	₹ 7,599.10	₹ 60,488.84
103.	Supplying all materials, T&P and providing MS reinforcement for RCC work including cutting, bending, binding and tying the grills and placing in position including cost of binding wire 18 to 20 gauges.	Qntl.	7.42	₹ 9,055.71	₹ 67,193.38
104.	Rigid & smooth centering & sheltering for RCC work including falls work & dismantling than after casting including cost of materials in ground floor.RCC floor, roof slab chhaja up to 4.430 m height .	Sqm.	76.35	₹ 676.90	₹ 51,681.32
105.	Supplying all materials labour T&P and providing 1st class KB brick work in CM (1:3) in foundation and plinth including watering and curing and lead of materials to site.	Cum.	24.11	₹ 5,849.70	₹ 1,41,036.27
106.	Supplying all materials labour T&P and providing 12mm thick C.P (1:3) including watering curing and conveyance of all materials to site.	Sqm.	93.21	₹ 179.60	₹ 16,740.52
107.	Supplying all materials labour T&P and providing cement punning including watering curing and conveyance of all materials to site. Same as plastering	Sqm.	85.87	₹ 34.20	₹ 2,936.75
108.	Supplying all materials, labour, T&P and providing 12mm thick cement plaster (1:6) on brickwork including watering, curing, conveyance of all materials to worksite, payment of royalty, taxes etc all complete as per specification and direction of the Engineer in charge	Sqm.	54.87	₹ 156.10	₹ 8,565.21
109.	Supplying all materials labour T&P and fitting and fixing 12mm dia MS/CI step iron including supply of necessary CC(1:2:4) for fixing etc. complete as per PH specification.	Each	10.00	₹ 273.20	₹ 2,732.00
110.	Supplying all materials, labour T&P for providing fitting & fixing 100mm x 100mm SW Tee in wall including filling the recess with cement concrete (1:2:4) with 12mm size HG chips all complete including watering curing conveyance of all materials to work site payment of royalty all complete as per specification and direction of Engineer in charge.	Each	2.00	₹ 402.50	₹ 805.00

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Item No.	Description of Items	Unit	Quantity	Rate	Amount
111.	Supplying all labor T&P & filling foundation and plinth with excavated materials well watered & rammed etc. all complete as per direction of EIC.	Cum.	17.28	₹ 126.78	₹ 2,190.81
112.	Sinking of 150mm x 50mm dia tubewell through hand boring (water jet) method (1no) .Supplying all materials, labour, T&P and setting up boring equipments including erection of suitable staging for installation of the required size of tube well, dismantling and removing the same after complection of the work, including transportation of the boring equipments, cleaning and levelling the site, excavation of mud pit, channels etc, levelling of site all complete as per direction of Engineer in charge	Each	1	₹ 13,235.30	₹ 13,235.30
113.	Supplying all labour, T&P and transporting the boring pipes, top casing , grouting pipes, P.V.C pipes and fittings, P.V.C well screens, cement, bentonite and gravels etc to the worksite including loading and unloading etc all complete as per direction of Engineer in charge	Each	1	₹ 1,320.60	₹ 1,320.60
114.	Supplying all labour, T&P and drilling pilot bore not less than 102mm dia, without casing pipes in all kinds of soils and rocks for the following depths excluding supply of necessary boring pipes including supply of necessary cutting equipments, extra sockets (whenever required) etc and withdrawing the boring pipes, washing and keeping the bore clear for logging if required all complete as per direction of Engineer in charge. Drilling pilot bore from 0 to 360 metres	Mtr	50.00	₹ 1,069.20	₹ 53,460.00
115.	Supplying all labour, T&P and reaming the pilot bore to the following sizes and depths without casing pipes including withdrawing the boring pipes, washing the bore by means of pipe cylinder etc all complete as per direction of Engineer in charge Reaming 100mm to 150mm dia from 0 to 360 metres	mtr	50.00	₹ 184.70	₹ 9,235.00
116.	Reaming 150mm to 200mm dia from 0 to 360 metres	mtr	50.00	₹ 218.90	₹ 10,945.00
117.	Supplying all labour, T&P and jointing materials and lowering the 300mm dia top casing pipes into the position and removing the same after use all complete as per direction of Engineer in charge from 0 to 360 metres	mtr	1	₹ 1,720.50	₹ 1,720.50
118.	Supplying all labour, T&P and jointing materials and lowering the pvc casing pipes, fittings and well screens in position, including fitting and fixing of centraliser, cutter plug and washing the bore all complete as per direction of Engineer in charge 150mm dia PVC casing pipe from 0 to 360 metres	Mtr	50.00	₹ 132.80	₹ 6,640.00
118.1.	Cost of 150mm dia PVC ASTM pipe (sch-80)	Mtr	50.00	₹ 1,507.75	₹ 75,387.50
118.2.	Cutting slots in 150mm dia Pipe	Mtr	10.00	₹ 350.00	₹ 3,500.00
118.3.	Cost of 150 mm dia C.I. cutter plug	Nos	1	₹ 350.00	₹ 350.00
118.4.	Cost of bentonite powder	Qtl	5	₹ 327.30	₹ 1,636.50

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Item No.	Description of Items	Unit	Quantity	Rate	Amount
119.	Supplying all materials, labour, T&P and packing the bore with washed gravel of river shingles of required size and specification around the well screen and pipe etc all complete as per the direction of the Engineer in charge	cum	2.50	₹ 1,846.80	₹ 4,617.00
120.	Supplying all materials, labour, T&P and packing the bore with river sand over the gravel pack etc all complete as per the direction of the Engineer in charge	cum	2.50	₹ 154.50	₹ 386.25
121.	Supplying all labour T&P and grouting with cement slurry for sanitary sealing in the bore around the upper most 3 metres of 150mm dia PVC casing pipe etc all complete as per the direction of the Engineer in charge.	Each	1	₹ 1,399.60	₹ 1,399.60
122.	Cost of Cement	Qtls	2	₹ 534.90	₹ 1,069.80
123.	Cleaning and developing the tube well with supply of compressor worked till clear and adequate discharge is obtained from the tube well including supply and use of all necessary equipment and labour as per direction of the Engineer in charge By Compressor	Each	1	₹ 2,378.10	₹ 2,378.10
124.	Supplying all materials, labour, T&P and providing and fixing to wall or ceiling and floor HDPE pipes and pipe fittings conforming to IS: 4984/2000 (10kgf/sqcm) of the following nominal bore with clamps and jointing by Fusion welding method including testing, making good the wall, ceiling and floor all complete as per specification and direction of the Engineer in charge. 40mm HDPE pipes	mtr	40.00	₹ 147.20	₹ 5,888.00
125.	Supplying all materials, labour, T&P and constructing Bore well protection chamber of the inside size 650x650x1000 height with cement concrete (1:3:6) using 40mm size hard granite metal on foundation, 1st class Fly ash brickwork in cement mortar (1:3), with base cement concrete (1:2:4) using 12mm size h.g chips, 12mm thick cement plaster (1:4) inside and outside, R.C.C cover slab in (1:1.5:3) using 12mm size h.g chips, earthwork in excavation in all kinds of soil and refilling the cavity around the chamber including watering, curing, conveyance of all materials to worksite, payment of royalty, taxes etc all complete as per approved specification and direction of the Engineer in charge.	Each	1.00	₹ 12,102.80	₹ 12,102.80

Signature of Contractor

Superintending Engineer
Shree Jagannath Temple, Puri

OSD (Development)
Shree Jagannath Temple, Puri

Item No.	Description of Items	Unit	Quantity	Rate	Amount
126.	Installation of 2 HP submersible pump-motor :- Supplying all materials, labour, T&P and providing fitting & fixing submersible pump with squirrel cage induction type submersible electric motor to run single-phase line voltage ranging from 320 to 450 volt confirm to IS 8034/89 with following specification suitable control panel jointing with GI/PVC/HDPE pipe, electrification, testing, commissioning, trial running, conveyance of all material to work site, payment of all taxes etc all complete as per PH specification and direction of Engineer-in-charge. 2 H.P three phase 3 stage head range 30 to 54 metres, discharge 155 to 110 L.P.M with outlet dia of 32mm	each	2	₹ 16,625.60	₹ 33,251.20
126.1.	DOL control panel suitable for 2HP pump	each	1	₹ 3,805.50	₹ 3,805.50
126.2.	2.50 sqmm flat cable	mtr	75.00	₹ 128.10	₹ 9,607.50
126.3.	32mm dia steel short piece	each	2	₹ 152.30	₹ 304.60
126.4.	Steel rope with cover	mtr	60.00	₹ 26.70	₹ 1,602.00
126.5.	Well cap	each	1	₹ 152.30	₹ 152.30
126.6.	50mm size CI bracket	each	8	₹ 91.30	₹ 730.40
126.7.	20mm dia rigid U-PVC pipe	mtr	20.00	₹ 6.90	₹ 138.00
127.	Labour charge for lowering pipes including transportation and supply of nut bolt of required size including rubber insertion etc all complete as per PH specification and direction of Engineer-in-charge	item	1	₹ 2,000.00	₹ 2,000.00
128.	Supplying all materials, labour, T&P and providing and fixing to wall or ceiling and floor PVC pipes conforming to ASTM-D-1785/89 (Sch-80) and G.I pipe fittings of the following nominal bore with clamps including making good the wall, ceiling and floor, testing all complete as per P.H. specification and direction of Engineer-in-charge. In ground floor 40mm dia ASTM (Sch-80) PVC Pipe	mtr	25.00	₹ 328.30	₹ 8,207.50
129.	Supplying, fitting, fixing of GI fabricated grill from GI Square/rectangular pipes, Square Bar including cutting, welding, fabricating and erection charges including cost, conveyance & taxes of all materials, all labour, T&P required for the work etc. complete as per direction of Engineer in charge. OH Tank Protection from monkeys	Kg	290.00	₹ 152.33	₹ 44,175.70
130.	Providing Fitting fixing of Aluminium jally 2" gap erecting the same with cost, conveyance, taxes of all materials, labour, T&P etc. required for the complete in all respect.	Sqm	40.00	₹ 836.25	₹ 33,450.00
131.	Supplying, fitting, fixing of 1.00 HP Centrifugal single phase Pump motor etc. complete as per direction of Engineer in charge. (Make- Kirlosker/Crompton) For Gardening	Nos	1.00	₹ 6,827.10	₹ 6,827.10
132.	Supplying all materials, labour T&P and providing fitting and fixing, installation of Automatic Sensor system including laying of cable from panel board upto tube well/open well/sump with over head water tank etc. complete as per approved specification and direction of the Engineer-in-charge.	Nos	1.00	₹ 4,429.50	₹ 4,429.50

Signature of Contractor

Superintending Engineer
Shree Jagannath Temple, Puri

OSD (Development)
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Item No.	Description of Items	Unit	Quantity	Rate	Amount
133.	Pump House of size 8'-0"x8'-0" :-Supplying all materials labour T&P and providing Fly ash brick work in CM (1:6) in super structure including watering and curing and lead of materials to site.	Cum.	10.89	₹ 5,451.60	₹ 59,367.92
134.	Supplying all materials, labour, T&P & providing 2.5cm thick A.S. flooring with cement concrete (1:2:4) 12mm hard broken granite chips including conveyance of all materials, watering curing payment of royalty taxes etc. all complete as per direction of Engineer-in-charge.	Sqm	5.76	₹ 332.70	₹ 1,916.35
135.	Supplying all materials, labour, T&P & providing 2.5cm thick D.P.C. flooring with cement concrete (1:2:4) 12mm hard broken granite chips including conveyance of all materials, watering curing payment of royalty taxes etc. all complete as per direction of Engineer-in-charge.	Sqm	3.68	₹ 322.40	₹ 1,186.43
136.	Wall painting with 2 coat weather coat paint over one coat of primer of approved shade on new work to give an even shade including cost of paint etc complete.	Sqm	54.16	₹ 149.07	₹ 8,073.40
137.	Supplying all materials, labour, T&P & constructing mesonary drain of size 0.30mtr x 0.45mtr drains as per P.H. design & specification including lead of all materials to site.	mtr	200.00	₹ 2,923.79	₹ 5,84,758.00

SUB-TOTAL = ₹ 27,48,037.39

137(One Hundred Thirty Seven) Items only

A

G.TOTAL = ₹ 2,10,31,582.40

or Say ₹ 2,10,31,582.00

Total in words

(Rupees Two Crore Ten Lakh Thirty One Thousand Five Hundred Eighty Two) only for 137(One Hundred Thirty Seven) Items only.

I do offer my rate% in words (.....%) Less/Excess then than/over the estimated cost of percentage of Excess/ Less

Tender amount

GST extra

No. of correction.....

No. of over writing.....

No. of interpretation.....

Approved

[Signature]
 OSD (Development)
 Shree Jagannath Temple

Issued to Sri....., Contractor vide

Signature of Contractor

Superintending Engineer
 Shree Jagannath Temple, Puri

OSD (Development)
 Shree Jagannath Temple, Puri