

SHREE JAGANNATH TEMPLE OFFICE, PURI

BID IDENTIFICATION NO-~~42/23~~2024 /Dt. ~~09.07.2024~~ 2024

COVER - II

FINANCIAL BID DOCUMENTS (BILL OF QUANTITIES)
FOR THE WORK

CONSTRUCTION OF RESIDENTIAL QUARTER FOR THE CHIEF
ADMINISTRATOR, SJTA, PURI OVER PLOT NO.396 AT BACKSIDE OF
NEELADRI BHAKTA NIWAS.

(Composite Tender)

Estimated Cost put to tender : ₹145.48 lakh approx.

CHIEF ADMINISTRATOR
SHREE JAGANNATH TEMPLE, PURI

BILL OF QUANTITIES

Name of Work : Construction of Residential Quarter for the Chief Administrator, SJTA,Puri over Plot No.396 at Backside of Neeladri Bhakta Niwas.

Estimated Cost Put to Tender :- ₹1,45,47,516/-

Last date & Time of receipt of tender :- Dt.25-01-2024 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 II 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.	717.768	₹ 211.00	₹ 1,51,449.05
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.	672.368	₹ 1,494.10	₹ 10,04,585.03
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.	44.038	₹ 6,408.20	₹ 2,82,204.31
04.	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.	31.544	₹ 7,796.60	₹ 2,45,935.95
05.	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 ± 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.	72.313	₹ 5,517.00	₹ 3,98,950.82



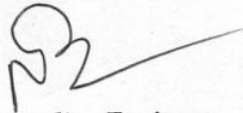
Superintending Engineer
Shree Jagannath Temple, Puri

Signature of Contractor

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.		112.665	₹ 5,550.30	₹ 6,25,324.55
07.	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-				
07.01.	Column Footing & Raft -	Cum.	130.916	₹ 7,269.10	₹ 9,51,641.50
07.02.	Plinth Beam -	Cum.	13.900	₹ 8,097.00	₹ 1,12,548.30
07.03.	Column & Beam in super -	Cum.	23.708	₹ 17,188.30	₹ 4,07,500.22
07.04.	Roof Slab-	Cum.	52.457	₹ 13,747.70	₹ 7,21,163.10
07.05.	Lintel -	Cum.	5.820	₹ 14,387.17	₹ 83,733.31
07.06.	Chajja -	Sqm.	48.308	₹ 1,190.70	₹ 57,520.34
07.07.	Shelves -	Sqm.	22.296	₹ 1,165.70	₹ 25,990.45
08.	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.	Qntl.	272.651	₹ 9,038.70	₹ 24,64,410.59


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Item No.	Description of Items	Unit	Quantity	Rate	Amount
09.	Providing 20 mm thick cement plaster with cement mortar of mix (1:4) (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.	Sqm.	80.204	₹ 262.80	₹ 21,077.61
10.	Providing 16 mm thick cement mortar 1:6 (1 cement : 6 sand)(using branded cement) to inside 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.	Sqm.	894.612	₹ 237.40	₹ 2,12,380.89
11.	Providing 12 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 outside 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.	Sqm.	240.612	₹ 168.50	₹ 40,543.12
12.	Providing 6 mm thick ceiling plaster (1:4)with cement mortar of mix (1:4) (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.	Sqm.	285.746	₹ 177.80	₹ 50,805.64


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Item No.	Description of Items	Unit	Quantity	Rate	Amount
13.	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.	Sqm.	412.946	₹ 352.30	₹ 1,45,480.88
14.	Providing fitting and fixing of Calcium silicate hylux board ceiling with Alluminium anodised T section no 3215 with 2'-0" C/C, L section No.1705 upto 15 micron on 4 walls to be fixed by means of steel screw and P.V.C. plug and the Alluminium grid 2'-0"x2'-0" suspended from ceiling including cost of all materials, labpur, T&P, taxes etc. complete as directed by the Engineer-in-charge.	Sqm.	143.409	₹ 1,800.20	₹ 2,58,164.88
15.	Supplying, fitting and fixing vitrified tile in floors of size 600mmx1200mm coloured /printed series homogeneous of approved make in floors treads or steps and landing on 25mm thick bed of cement mortar 1:1(1cement : 1sand) jointed with neat cement slurry mixed with pigment to match the shades of the tiles including rubbing and polishing complete excluding cost of precast tiles etc.complete as directed by the Er-in-charge.	Sqm.	143.409	₹ 1,568.10	₹ 2,24,879.65
16.	Fixing vitrified tile 600mmx600mm coloured /printed series homogeneous of approved make in Wall Or Dado with 12mm thick cement plaster (1:3) c.m.jointed with cement slurry mixed with pigment to match the shade of the tiles including rubbing & polishing complete including cost of tiles including all cost , carriage, royalty, addl. charges, DMF & EMF , curing etc. complete as directed by the Er.-in-charge.	Sqm.	112.497	₹ 1,600.50	₹ 1,80,051.45
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.	Kg.	1,335.000	₹ 459.30	₹ 6,13,165.50
18.	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.	Sqm.	43.183	₹ 8,643.30	₹ 3,73,243.62
19.	Supplying, fitting and fixing of WPC chouxhats 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.	Rmt.	100.890	₹ 721.78	₹ 72,820.38

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Item No.	Description of Items	Unit	Quantity	Rate	Amount
20.	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 venneers 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.	Sqm.	42.270	₹ 14,943.20	₹ 6,31,649.06
21.	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.	Sqm.	1,038.021	₹ 306.40	₹ 3,18,049.63
22.	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.	Sqm.	320.816	₹ 298.40	₹ 95,731.49
23.	Filling with any approved earth for development of work site including transportation by mechanical means with all leads and lifts including all labour charges etc.complete in all respect as directed by the Engineer-in-Charge.	Cum.	235.881	₹ 634.80	₹ 1,49,737.26
24.	Supplying, fitting and fixing of Stainless steel of 304 grade in hand railing using 50mm dia of 2mm thick circular pipe with Balustrade of size 32mm x 32mm x 2mm @ 0.90mtr. C/C and stainless square pipe bracing of size 32mm x 32mm x 2mm in 3 rows in stair case as per approved design and specification, buffing, polishing etc with cost, conveyance, taxes of all materials, labour, T&P etc. required for the complete in all respect.	Kg.	76.590	₹ 459.30	₹ 35,177.85
25.	Supplying, fitting and fixing granite tile in floors treads or steps and landing on 25mm thick bed of cement mortar 1:1(1cement : 1sand) fjointed with neat cement slury mixed with pigment to match the shades of the tiles including rubbing and polishing complete excluding cost of precast tiles etc.complete in all respect as directed by the Er-in-charge.	Sqm.	9.215	₹ 2,298.10	₹ 21,176.99
26.	Fixing granite tile in Wall or Dado with 12mm thick cement plaster (1:3) c.m.jointed with cement slurry mixed with pigment to match the shade of the tiles including rubbing & polishing complete including cost of tiles including all cost , carriage, royalty, addl. charges, DMF & EMF , curing etc. complete in all respect as directed by the Er-in-charge.	Sqm.	3.151	₹ 2,330.50	₹ 7,343.41

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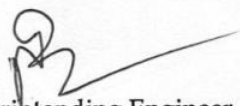
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Item - No.	Description of Items	Unit	Quantity	Rate	Amount
27.	Antitermite treatment for pre-construction of the area with an warranty period of five years including cost of all materials, labour, materials, taxes etc. complete in all respect as directed by the Engineer-in-charge.	Sqm.	752.490	₹ 117.80	₹ 88,643.32
28.	Site clearance for pre-construction of the area using Dozer D-50-A-15 including hire and running cahrges with cost of all labour, T & P materials etc. complete in all respect as directed by the Engineer-in-charge.	Hour	8.000	₹ 3,291.69	₹ 26,333.52
				SUB-TOTAL =	₹ 1,10,99,413.67

ELECTRICAL ITEMS**INTERNAL**

	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 equievalant reputed make A catagory ISI marked as approved with 20 mm dia PVC flexible non metallic conduit FRLS type ISI marked Make-AKG/Anchor/Havells or equievalant reputed make A catagory ISI marked as approved 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- Anchor/Havells 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 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 and connection as per direction of Engineer -in -Charge. CATAGORY AS FOLLOWS ,complete suitable for Residence. 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				
29.1	GROUP-A	Nos	60	544.00	32,640.00
29.2	GROUP-B	Nos	45	771.00	34,695.00
29.3	GROUP-C	Nos	25	1054.00	26,350.00

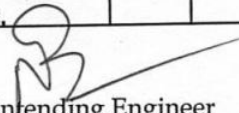
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Item No.	Description of Items	Unit	Quantity	Rate	Amount
30.	Group control of point in Recessed wiring to light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLSH/LSZH PVC insulated copper conductor of ISI marked Make- Make- Finolex/Anchor/Polycab/HAVELLS 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 approved, of suitable size, modular box with 1.5 sq. Mm FRLS PVC insulated single core multistandard conpper conductor as earth wire including all	Nos	90	993.00	89,370.00
31.	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	18	192.00	3,456.00
32.	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	20	₹ 638.00	₹ 12,760.00


Signature of Contractor


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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 dia non metallic heavy duty flexible conduit (LDB to LSB/LIGHT CKT)(2X1.5+1X1.5)	Mtr	240	127.00	30,480.00
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	640	₹ 141.00	₹ 90,240.00
36.	4 nos single core 2.5 sq. mm copper wire for phase and neutral and 02 nos 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) (4X2.5+2X2.5)	Mtr	445	₹ 258.00	₹ 1,14,810.00
37.	2 nos single core 4 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 .(PDB to PSB/ GAYSER POINT/AC POINT/ROOM LIGHT CONTROL TO CORRIDOOR POINT/DG PANEL ESSENTIAL LOAD) (2X4+1X1.5)	Mtr	370	₹ 158.00	₹ 58,460.00
38.	4 nos single core 4 sq. mm copper wire for phase and neutral and 02 nos of single core 2.5 sq. mm copper wire for earth continuity conductor in 32 mm dia non metallic heavy duty flexible conduit.(PDB to PSB/GAYSER. POINT/AC POINT/DG PANEL ACCL TO EACH QTR ESSENTIAL LOAD) (4X4+2X2.5)	Mtr	90	₹ 241.00	₹ 21,690.00
39.	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)	Mtr	200.87	₹ 189.00	₹ 37,964.43
40.	4 nos single core 6 sq. mm copper wire for phase and neutral and 02 nos of single core 2.5 sq. mm copper wire for earth continuity conductor in 32 mm dia non metallic heavy duty flexible conduit.(LFDB TO LBDB/power unit/point) (4X6+2X2.5)	Mtr	190.0	₹ 287.00	₹ 54,530.00


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Item No.	Description of Items	Unit	Quantity	Rate	Amount
41.	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	Nos	3	₹ 606.00	₹ 1,818.00
42.	Supplying and fixing 32 amps, 415 volts, TPN, industrial type 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	5	₹ 4,301.00	₹ 21,505.00
43.	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.				
43.	4 moudle(125mmx75mm)	Nos	35	₹ 262.00	₹ 9,170.00
43.	1 moudle(75mmx75mm)	Nos	20	₹ 215.00	₹ 4,300.00
43.	12 moudle(200mmx150mm)	Nos	20	₹ 477.00	₹ 9,540.00
44.	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 KINJAL/ AKG/Anchor or equievalant reputed make A catagory ISI marked as				
44.	20 MM	mtrs	100	₹ 93.00	₹ 9,300.00
44.	25 MM	mtrs	120	₹ 95.00	₹ 11,400.00

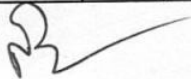
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Item No.	Description of Items	Unit	Quantity	Rate	Amount
45.	Supply and fixing modular type indicator on the existing switch box/cover . Equievalant higher model of Schneider/Hager/Siemens/Anchor/Panasonic make or equievalant reputed make & model A 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	20	₹ 105.00	₹ 2,100.00
46.	Supplying and installation of AC starter Modular type, Equievalant higher model of Schneider/Hager/Siemens/Anchor/Panasonic make or equievalant reputed make & model A catagory ISI marked as approved coil voltage-415 Volt A.C. & O/L range of 9-14A range on mod Box of suitable size including modular coveras 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	8	₹ 617.00	₹ 4,936.00
47.	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	10	₹ 203.00	₹ 2,030.00
48.	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	15	₹ 58.00	₹ 870.00
49.	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 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	50	₹ 42.00	₹ 2,100.00
B	Sub-Head II (Light fitting Fixture & Fan)				

Signature of Contractor


 Superintending Engineer
 Shree Jagannath Temple, Puri

 OSD (Development)
 Shree Jagannath Temple, Puri

Item No.	Description of Items	Unit	Quantity	Rate	Amount
50.	Supplying, installation, of exhaust fan of heavy duty 300 mm sweep (Make-Equievalant higher model with 5 star rated of Havells/almonard/Anchor/Panasonic/Usha/Haloni x 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	Nos	8	₹ 2,450.00	₹ 19,600.00
51.	Supplying, installation, of exhaust fan of heavy duty 250 mm sweep 1400 rpm with louvers Make-Equievalant higher model with 5 star rated of Havells/almonard/Anchor/Panasonic/Usha/Halonix 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	4	₹ 2,120.00	₹ 8,480.00
52.	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 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	14	₹ 2,010.00	₹ 28,140.00
53.	Supplying and fixing of Energy efficient surface mounted square shape 12 W LED luminaire of dimension of 225x 225 x 35 mm consists of white powder coated , die-cast Alluminium housing with high quality frosted diffuser for glare-free uniform lighting distribution with wattage not more than 20 watt 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	85	₹ 1,220.00	₹ 1,03,700.00
54.	Supplying and fixing of Energy efficient recess mounted LED luminaire with white powder coated ,pressure die-cast Al housing ,with high transmititivity,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	Nos	20	₹ 1,815.00	₹ 36,300.00

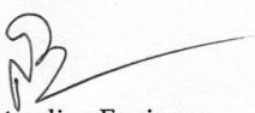
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Superintending Engineer
Shree Jagannath Temple, Puri

OSD (Development)
Shree Jagannath Temple, Puri

Item No.	Description of Items	Unit	Quantity	Rate	Amount
55.	SITC of energy efficient LED tube light fittings with decorative aluminium 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	Nos	10	₹ 370.00	₹ 3,700.00
56.	SITC of Sleek LED 10-12 watt mirror light fitting with extruded polycarbonate housing,High optically efficient diffuser,above wash basin complete with all accessories etc. directly on wall, including connection with 1.5 sq. mm FRLS PVC insulated, copper conductor, single core cable and earthing etc. as required as per direction of Engg.-in-Charge. (Make : WIPRO Model No:LL20-111-XXX-60-NE or similar model of 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	10	310.00	3,100.00
57.	Supplying and fixing extra conduit down rod of 20 cm length G.I. pipe 15 mm dia, heavy gauge including painting etc. as required as required as per direction of Engg.-in-Charge . (Note : More than 5 cm length shall be rounded to the nearest 10 cm and 5 cm or less shall be ignored)of ISI mark as	Nos	14	₹ 31.00	₹ 434.00
58.	Supplying and fixing 20 amps rating, 240 volts, C series, Double poles MCB of Make-LEGRAND-Ekinox3 DB/ Siemens-Betaguard/ Schneider- Acti 9/L&T (Equievalant model)/Panasonic(Equivalent model) /ABB(Equivalent model) or equievalant reputed make & model A catagory ISI marked as approved in the existing MCB DB complete with connections as per direction of Engg.-in-Charge. The MCB should be Replacement Warranty will be 5 years .MCB should have the fault indication system in different colour for ON, OFF & TRIP condition or Mid trip position for Trip conditions for easier identification of fault.Warranty on MCB	Nos	16	₹ 331.00	₹ 5,296.00
59.	Supplying and fixing 6 amps to 32 amps rating, 240 volts, C series, single poles MCB of Make-LEGRAND-Ekinox3 DB/ Siemens-Betaguard/ Schneider- Acti 9/L&T (Equievalant model)/Panasonic(Equivalent model) /ABB(Equivalent model) or equievalant reputed make & model A catagory ISI marked as approved. the existing MCB DB complete with connections as per direction of Engg.-in-Charge. The MCB should be Replacement Warranty will be 5 years.MCB should have the fault indication system in different colour for ON, OFF & TRIP condition or Mid trip position for Trip conditions for easier identification of fault.Warranty on MCB is 5 years.	Nos	30	₹ 130.00	₹ 3,900.00
D	(Earthing) INSTALLATION				

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 Superintending Engineer
 Shree Jagannath Temple, Puri

 OSD (Development)
 Shree Jagannath Temple, Puri

Item - No.	Description of Items	Unit	Quantity	Rate	Amount
60.	S/IT/C of materials and installation of pipe earth electrode made out of 600 x600x0.3 mm cu plate with 50mm dia class B G.I. pipe of 3.0 metre long with 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	4	₹ 23,000.00	₹ 92,000.00
E	CABLING AND END TERMINATION MAIN AREA				
61.	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 equivalent reputed make ISI marked as approved of following size cables 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				
61.1.	3.5 core x 35 sq mm (for main 01 no)	Mtr	25	₹ 2,152.00	₹ 53,800.00
61.2.	3.5 core x 35 sq mm (for main 01 no)	Mtr	27	₹ 2,152.00	₹ 58,104.00
F	PANELS				
62.	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 & complete test certificate must be submitted along with panel board including component list.	Set	1	₹ 1,10,000.00	₹ 1,10,000.00
	In commer- 01 number of 160 Amps 4P MCCB with Rom & sprader link, 25 kA. (make- ABB/Siemens/SCHNEIDER/L&T/Legrand, ISI marked)(Icu=100%Ics)with shunt trip.with axulary for				
	Out going- (ii) 63A 4P MCB 4 NOS FOR POWER (Legrand/Schneider make)				
	Out going- (ii) 32A 4P MCB 4 NOS FOR POWER B(Legrand/Schneider make)				
	Out going- (iii) 04 nos 63A DP MCB LIGHT BDB AC IDU BDB/LIGHT BDB,LIFT,WATER,solar(Legrand/Schneider				
	Instrument- (i) 09 numbers phase indicating lamp with toggle switch & HRC fuse.				
	(ii) 01 set of digital type multifunction meter with CT for voltage,current,frequency,PF,THD indication				
	(iii) 04 nos of 70kA SP VSD WITH 32A SP MCB				
	(iii) 04 nos of 70kA SP VSD WITH 32A SP MCB				
g)	External				
63.	SITC of periphery street with 45 watt garden light with G.I pole of size 3 mtr with power supply cable of size 10 msq mm Al. aromoured pvc cable.	Job	1	₹ 3,50,000.00	₹ 3,50,000.00
64.	3 Phase Power supply from TPCODL ,Puri	Job	1	₹ 17,000.00	₹ 17,000.00
SUB-TOTAL =					₹ 15,80,068.43
P.H. FEEMS					

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Superintending Engineer
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Shree Jagannath Temple, Puri

P.H - ITEMS

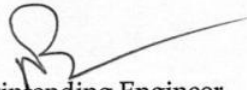
Item No.	Description of Items	Unit	Quantity	Rate	Amount
65.	Supplying all materials , labour, T&P and providing and fixing to wall or ceiling and floor PVC pipes conforming to C-PVC1785/89 (Sch-80) and G.I pipe fittings of the following nominal bore with clamps including making good the wall, ceiling and floor ,testing all complete as per P.H. specification and direction of Engineer-in-charge . In ground floor 20mm dia C-PVC Pipe	mtr	20.00	₹ 276.90	₹ 5,538.00
66.	25mm dia C-PVC Pipe	mtr	50.00	₹ 378.40	₹ 18,920.00
67.	32mm dia UPVC ASTM-D Pipes	mtr	100.00	₹ 297.80	₹ 29,780.00
68.	50mm dia UPVC ASTM-D Pipes	mtr	300.00	₹ 488.50	₹ 1,46,550.00
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. In ground floor 250mm thick wall	each	10	₹ 51.50	₹ 515.00
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	₹ 169.40	₹ 847.00
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	70.00	₹ 198.90	₹ 13,923.00
72.	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	7	₹ 1,656.20	₹ 11,593.40
73.	15 mm dia CP long body Bib cock (Jaquar)FLR-ABR-5011N	Each	6	₹ 2,074.40	₹ 12,446.40
74.	15 mm dia CP two way Bib cock (Jaquar)(FLR-ANQ-5041N)	Each	6	₹ 2,443.60	₹ 14,661.60
75.	15mm dia CP angle stop cock(Jaquar)-FLR-ABR-5053N)	Each	16	₹ 1,721.80	₹ 27,548.80
76.	20mm dia CP concealed stop cock (Jaquar - FLR-ABR-5089N)	Each	2	₹ 1,967.90	₹ 3,935.80
77.	20mm dia WALL MIX 3-IN-1 SYSTEM(FLR-CHR-5281N)	Each	5	₹ 6,552.40	₹ 32,762.00
78.	15mm dia Basin Mixture (Jaquar - FLR-CHR-5001B)	Each	5	₹ 3,402.60	₹ 17,013.00
79.	15 mm dia CP Pillar Cock Swain neck(Jaquar)CON-CHR-123BKN	Each	3	₹ 2,246.00	₹ 6,738.00
80.	15mm dia CP Health Faucet (ALD-CHR-579) Jaquar make)	Each	7	₹ 1,360.90	₹ 9,526.30
81.	32mm dia UPVC Ball Valve	Each	20	₹ 1,256.50	₹ 25,130.00
82.	50mm dia UPVC Ball Valve	Each	10	₹ 2,737.80	₹ 27,378.00
83.	15mm dia. C.P extension piece	each	50	₹ 59.30	₹ 2,965.00
84.	125mm Grating	each	16	₹ 85.00	₹ 1,360.00
85.	15mm dia. C.P flange	each	50	₹ 40.30	₹ 2,015.00
86.	15mm CP Revolving shower with shower Arm. (OHS-CHR-35497 ,SHA-ABR-455L600)	each	5	₹ 8,566.80	₹ 42,834.00
87.	15mm CP Telephonic Shower(HSH-ACR-1653)	each	5	₹ 3,314.90	₹ 16,574.50

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

Item No.	Description of Items	Unit	Quantity	Rate	Amount
88.	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	Each	1.00	₹ 37,563.90	₹ 37,563.90
89.	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	120.00	₹ 482.38	₹ 57,885.60
90.	110mm dia. U-PVC door bend	each	30.00	₹ 293.60	₹ 8,808.00
91.	110mm dia. U-PVC plain bend	each	32.00	₹ 232.00	₹ 7,424.00
92.	110mm dia. U-PVC tee	each	32.00	₹ 322.70	₹ 10,326.40
93.	110mm dia. U-PVC "P" trap	each	1.00	₹ 497.30	₹ 497.30
94.	110mm dia. U-PVC plain shoe bend	each	14.00	₹ 232.00	₹ 3,248.00
95.	110mm dia. U-PVC offset without ear	each	16.00	₹ 407.40	₹ 6,518.40
96.	110mm dia. U-PVC vent cowl	each	7.00	₹ 58.20	₹ 407.40
97.	110mm dia. U-PVC socket plain	each	10.00	₹ 160.10	₹ 1,601.00
98.	125mm dia CP grating	Each	16	₹ 85.00	₹ 1,360.00
99.	110mm dia PVC SWR Clamp/Clip.	Each	42	₹ 42.80	₹ 1,797.60
100.	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.250mm to 375mm thick wall	each	16.00	₹ 217.30	₹ 3,476.80


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 Superintending Engineer
 Shree Jagannath Temple, Puri

 OSD (Development)
 Shree Jagannath Temple, Puri

Item No.	Description of Items	Unit	Quantity	Rate	Amount
101.	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. 550mmx400mm size wash hand basin with Porcelain pedestal	each	3	₹ 5,747.90	₹ 17,243.70
102.	Half pedestal basin(Jaquar)FNS-WHT-40801 & 40305.	each	5	₹ 6,201.20	₹ 31,006.00
103.	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-	sqm	3.60	₹ 1,784.00	₹ 6,422.40
104.	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	8	₹ 4,084.60	₹ 32,676.80
105.	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	3	₹ 705.90	₹ 2,117.70
106.	TOWEL RACK 600MM LONG WITH LOWER HANGERS, STAINLESS STEEL (Jaquar)No.AKP-CHR-35781PS	Each	4	₹ 4,139.20	₹ 16,556.80
107.	CP towel ring	Each	8	₹ 473.10	₹ 3,784.80
108.	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	8	₹ 1,996.90	₹ 15,975.20
109.	LIQUID SOAP DISPENSER WITH GLASS BOTTLE (Jaquar)No.ACN-ACR-1135N	Each	4	₹ 2,324.90	₹ 9,299.60
110.	TOILET ROLL HOLDER WITH FLAP (Jaquar)No.AKP-CHR-35731P	Each	5	₹ 1,033.50	₹ 5,167.50
111.	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	1	₹ 6,683.17	₹ 6,683.17
112.	32mm dia C.P. dome waste	Each	1	₹ 128.50	₹ 128.50

Signature of Contractor


 Superintending Engineer
 Shree Jagannath Temple, Puri

OSD (Development)
 Shree Jagannath Temple, Puri

Item No.	Description of Items	Unit	Quantity	Rate	Amount
113.	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	1	₹ 3,497.30	₹ 3,497.30
114.	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	Each	1.00	₹ 2,656.90	₹ 2,656.90
115.	Single Piece W.C. with UF soft Close seat (Hindware) No.92099	Each	4.00	₹ 18,633.20	₹ 74,532.80
116.	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	2	₹ 1,519.20	₹ 3,038.40
117.	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	₹ 4,928.90	₹ 4,928.90
118.	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	4.38	₹ 7,335.10	₹ 32,127.74

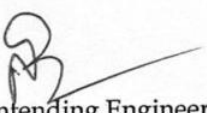
Signature of Contractor

Superintending Engineer
Shree Jagannath Temple, Puri

OSD (Development)
Shree Jagannath Temple, Puri

Item No.	Description of Items	Unit	Quantity	Rate	Amount
119.	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	34.65	₹ 1,114.30	₹ 38,610.50
120.	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	8.90	₹ 3,430.60	₹ 30,522.05
121.	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	8	₹ 1,685.10	₹ 13,480.80

Signature of Contractor


 Superintending Engineer
 Shree Jagannath Temple, Puri

 OSD (Development)
 Shree Jagannath Temple, Puri

Item No.	Description of Items	Unit	Quantity	Rate	Amount
122.	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, 12mmthick 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	₹ 10,153.10	₹ 60,918.60
123.	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, 12mmthick 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	Each	4	₹ 19,718.30	₹ 78,873.20
124.	R.C.P.C Cover(18" round man hole cover)	Each	4	₹ 1,093.10	₹ 4,372.40
125.	Supplying all materials, labour, T&P and constructing soakway pit of the following size with RCC RING, 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. RCC rings soakway pit 1.22m dia x 2.10m deep	Each	2	₹ 22,333.90	₹ 44,667.80
126.	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 alround concrete	Mtr	30.00	₹ 1,294.30	₹ 38,829.00
127.	160mm dia u-pvc pipe alround concrete	Mtr	30.00	₹ 2,099.50	₹ 62,985.00

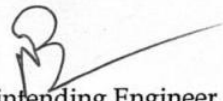
Signature of Contractor

Superintending Engineer
Shree Jagannath Temple, Puri

OSD (Development)
Shree Jagannath Temple, Puri

Item No.	Description of Items	Unit	Quantity	Rate	Amount
128.	Earth work in excavation of foundation in all kinds of soil within 50m initial lead and 1.5m initial lift including rough dressing & breaking clods to maximum 5cm to 7cm and laying in layers not exceeding 0.3m in depth and as per direction of the Engineer-in-Charge.	cum	31.79	₹ 223.67	₹ 7,110.47
129.	Extra lifts of 1.50 mtr or part thereof over the initial lift of 1.5 mtr stoney earth and gravels mixed with stone and boulder.	cum	15.22	₹ 240.10	₹ 3,654.32
130.	Supplying all materials, labour, T&P and providing cement concrete (1:3:6) with 4cm size hard granite metal 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	cum	3.41	₹ 5,928.60	₹ 20,216.53
131.	Supplying all materials, labour, T&P and providing cement concrete (1:2:4) with 12m 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	0.26	₹ 7,335.10	₹ 1,907.13
132.	Supplying all materials, labour, T&P and providing 12mm thick cement plaster (1:4) 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	20.80	₹ 167.40	₹ 3,481.92
133.	Supplying all materials, labour, T&P and providing cement punning 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	38.80	₹ 33.80	₹ 1,311.44
134.	Supplying all materials, labour, T&P and providing rigid and smooth centering and shuttering for R.C.C works including false work and dismantling them after casting including conveyance of all materials to worksite, payment of royalty, taxes etc all complete as per specification and direction of the Engineer in charge. R.C.C floor and roof slabs In ground floor	sqm	81.23	₹ 672.00	₹ 54,586.56
135.	Supplying all materials, labour, T&P and providing M.S reinforcement for R.C.C work including cutting, bending, binding, and tying the grills and placing in position including cost of binding wire 18 to 20 gauge, 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	Qntl	10.36	₹ 9,055.71	₹ 93,817.17
136.	Supplying all materials, labour, T&P and providing cement concrete (1:1½:3) with 12mm size hard broken granite chips for R.C.C works including hoisting, laying, 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	9.97	₹ 8,030.20	₹ 80,061.09

Signature of Contractor


 Superintending Engineer
 Shree Jagannath Temple, Puri

 OSD (Development)
 Shree Jagannath Temple, Puri

Item No.	Description of Items	Unit	Quantity	Rate	Amount
137.	Supplying all materials, labour, T&P and providing, fitting and fixing 110mmx110mmx110mm U-PVC plain Tee in wall including filling the recess with cement concrete (1:3:6) with 12mm size h.g chips all complete including watering, curing, conveyance of all materials to worksite, payment of royalty all complete as per specification and direction of the Engineer in charge. 110mmx110mmx110mm U-PVC plain Tee	Each	2	₹ 426.60	₹ 853.20
138.	Supplying all materials, labour, T&P and fitting and fixing H.C.I soil waste ventilating pipes and fittings conforming to IS: 1729-2002 or its latest revision to walls with nails, bobbins and wooden plugs or laying in trenches including earthwork in excavation in all kinds of soil and refilling of trenches as per specification and direction of the Engineer in charge	mtr	1.80	₹ 552.40	₹ 994.32
139.	100mm dia H.C.I cowl (Sushila make ISI)	Each	1	₹ 131.70	₹ 131.70
140.	Supplying all materials, labour, T&P and providing vent base in cement concrete (1:2:4) using 12mm size h.g chips chips all complete including watering, curing, conveyance of all materials to worksite, payment of royalty all complete as per specification and direction of the Engineer in charge	Each	1	₹ 212.20	₹ 212.20
141.	Supplying all materials, labour, T&P and providing 25mm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips on new work 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	5.95	₹ 336.50	₹ 2,002.18
142.	Supplying all materials, labour, T&P and providing shoring and shuttering foundation trenches, pits etc with close wooden planks or sheets shuttering etc all complete as per direction of the Engineer in charge.	Sqm	98.00	₹ 147.30	₹ 14,435.40
143.	Dewatering with 5 H.P diesel engine pump during excavation	per hour	96	₹ 200.70	₹ 19,267.20
144.	Sinking of 150mm x 50mm dia tubewell through hand boring (water jet) method (2nos) .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 completion 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
145.	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



Signature of Contractor

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

Item No.	Description of Items	Unit	Quantity	Rate	Amount
146.	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	45.00	₹ 1,069.20	₹ 48,114.00
147.	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	45.00	₹ 184.70	₹ 8,311.50
148.	Reaming 150mm to 200mm dia from 0 to 360 metres	mtr	45.00	₹ 218.90	₹ 9,850.50
149.	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
150.	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	45.00	₹ 132.80	₹ 5,976.00
151.	Cost of 150mm dia PVC ASTM pipe (sch-80)	Mtr	45.00	₹ 1,507.75	₹ 67,848.75
152.	Cutting slots in 150mm dia Pipe	Mtr	10.00	₹ 350.00	₹ 3,500.00
153.	Cost of 150 mm dia C.I. cutter plug	Nos	1	₹ 350.00	₹ 350.00
154.	Cost of bentonite powder	Qtl	5	₹ 327.30	₹ 1,636.50
155.	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
156.	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
157.	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
158.	Cost of Cement	Qtls	2	₹ 534.90	₹ 1,069.80
159.	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
160.	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

Signature of Contractor

Superintending Engineer
Shree Jagannath Temple, Puri

OSD (Development)
Shree Jagannath Temple, Puri

Item No.	Description of Items	Unit	Quantity	Rate	Amount
161.	Supplying all materials, labour, T&P and constructing Bore well protection chamber of the inside size 650x650x1000height 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	Each	1.00	₹ 12,102.80	₹ 12,102.80
162.	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	each	2	₹ 16,625.60	₹ 33,251.20
163.	DOL control panel suitable for 2HP pump	each	1	₹ 3,805.50	₹ 3,805.50
164.	2.50 sqmm flat cable	mtr	75.00	₹ 128.10	₹ 9,607.50
165.	32mm dia steel short piece	each	2	₹ 152.30	₹ 304.60
166.	Steel rope with cover	mtr	60.00	₹ 26.70	₹ 1,602.00
167.	Well cap	each	1	₹ 152.30	₹ 152.30
168.	50mm size CI bracket	each	8	₹ 91.30	₹ 730.40
169.	20mm dia rigid U-PVC pipe	mtr	20.00	₹ 6.90	₹ 138.00
170.	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
171.	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	20.00	₹ 328.30	₹ 6,566.00
172.	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	150.00	₹ 152.33	₹ 22,849.50
173.	Supplying, fitting, fixing of 1.00 H.P. Pressure Pump etc. complete as per direction of Engineer in charge. For Gardening	Nos	1.00	₹ 25,000.00	₹ 25,000.00
174.	Supplying, fitting, fixing of 1.00 HP Centrifugal single phase Pump motor etc. complete as per direction of Engineer in charge. For Gardening	Nos	1.00	₹ 6,827.10	₹ 6,827.10



Signature of Contractor

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

Item No.	Description of Items	Unit	Quantity	Rate	Amount
175.	Supplying all materials,labour T&P and providing fitting and fixing,installation of Automatic Sensor system including laying of cable from pannel 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
176.	Supplying all labor T&P & filling foundation and plinth with excavated materials well watered & rammed etc. all complete as per direction of EIC.	Cum.	1.29	₹ 124.26	₹ 160.30
177.	Supplying all materials labour T&P filling sand in foundation and plinth with well watered and rammed etc. all complete. As per direction of ELC.	Cum.	1.13	₹ 886.20	₹ 1,001.41
178.	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.	18.40	₹ 178.70	₹ 3,288.08
SUB-TOTAL =					₹ 18,68,034.18

178(One Hundred Seventy Eight) Items only

A

G.TOTAL = ₹ 1,45,47,516.28

or Say ₹ 1,45,47,516.00

Total in words

(Rupees One Crore Forty Five Lakh Forty Seven Thousand Five Hundred Sixteen) only for 178(One Hundred Seventy Eight) Items only

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

Tender amount

B
A - B =

GST extra

No. of correction.....

No. of over writting.....

No. of interpretation.....


Approved

OSD (Development)

P2 Shree Jagannath Temple

Issued to Sri....., Contractor vide

Signature of Contractor


 Superintending Engineer
 Shree Jagannath Temple, Puri

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