

**TENDER FOR EXTERNAL ELECTRICAL WORKS AT PROPOSED PREMISES FOR SBI LOISINGA
BRANCH, BOLANGIR**

**PRICE BID
PART-2**

**Tender No. BHU/P&E/2026-27/06
Dated 30.06.2026**

Eligibility Criteria: (Eligibility: SBI empaneled electrical contractors of Bhu-baneswar Circle under H.T. Category – HC (above 10 Lakhs and up to 25 Lakhs) , HB (above 25 Lakhs and up to 50 Lakhs) , HA (above 50.0 Lakhs and up to 100.0 Lakhs) are only eligible to apply

Sl. No.	Particulars	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
A	FITTING & FIXTURES				
1	Point Wiring				
	Recessed (concealed) wiring to light, fan, exhaust fan ceiling fan call bell & 5 amp. plug points by 2 x 1.5 Sqmm. PVC insulated 1100 volt grade multi strand copper conductor wire run inside FR rigid PVC Pipe including supplied by contractor (ISI marked & confirming to IS:9537 Part - II / latest revision) recessed in wall / column / ceiling / of the building along with 1 no. 1.5 Sqmm. PVC insulated. 1100 / 650 V copper wire as earth continuity conductor and loop earth to the fitting for supplying conduit pipes only with accessories and fixtures such as wire, switch, conduit, angle / batten holder, 3 plate ceiling rose, modular type switches & plug sockets complete with making good the damages complete as required as per the direction of Engineer in charge.				
(i)	Light & Cabin fan / wall fan / Exhaust fan point	Pts.	10.00		
(ii)	Secondary Light Point (Secondary Controlled by Primary Switch)	Pts.	5.00		
2	TPN Switch Disconnecter Fuse Unit				
	Supply & Installation of 200 Amp TPN Switch Disconnecter Fuse Unit with 200 amp HRC Fuse of 415 Volt, 3 Phase and a neutral installed over prefabricated powder coated Metal Box including making connection of cable glands complete with cost of all labour and material. (L&T, C&S make)	Item	1.00		
3	Fitting & Fixtures for Common Area				

	Supply, Installation, testing and commissioning of 1 X 20W LED Al. Batten Fixtures to be fixed directly on wall / ceiling by providing 2 Nos. T.W. round block etc. complete.	Nos.	10.00		
B	PUMP & AREA LIGHT WIRING				
1.(a)	Pump Cum Light DB				
	Supplying, installing & testing of Pump panel board made of CR sheet, of 1.6 mm. thick duly primed & coated with 2 coats of grey enamel paint with following arrangements i.e. at the incoming to fix 3 Phase Digital Energy Meter (Secure make) to register KWH Consumption.				
	63 Amp. TPN MCB with copper Bus-Bar - 1 set				
	32 Amp. TPN MCB - 1 no.(For Pumps)				
	32 Amp DP MCB - 2 nos. (For Gate / Area Lights) with Timer & contactor for area light.	Set	1.00		
2	Supplying, installing & testing of Auto Start D.O.L. Starter with built in protection against Overload, Single phasing, Phase reversal and under/over volatge on M.S. box & brackets cover for Pump (modular type) for 1 HP single phase motor. Make : BCH, L&T, ABB and Havells	Nos.	1.00		
3	Supplying & Laying of under ground PVC Aluminium armoured cable (4 x 10 Sqmm cable) of 1.1 KV grade.(from Main Panel to Pump DB) with 1 run of 10 SWG GI wire as running earth.	Mtr.	40.00		
4	Earthing : Supplying of materials and installation of earth electrode made out of 50 mm. dia class (B) G.I. Pipe of 3 Meter long with arrangement for fitting / termination of G.I. flat / wire with G.I. nut bolts & washers including cost of charcoals salt, water pouring arrangements brick masonry enclosure on top with removable C.T. cover complete with labour for excavation of pit all as per IS:3034 -1998.	Nos.	2.00		
5	Supplying & Laying underground / floor / walls 25 x 3mm GI flat wire as earth lead from earth electrode to Panel Board and also making both ends termination etc. complete.	Mtr.	10.00		

6	Supply, delivery and laying of 6 Sqmm. 3 core Al. round / strip armoured power cable of 1100 V grade laid directly in ground / on surface of wall column using existing rigid PVC Pipe / existing RCC structure / through existing G.I. pipe / existing hume pipe as the case may be including excavation of earth, cushioning protective covering, refilling the trenches with sand, brick covering including terminator determination complete as per direction.	Mtr.	160.00		
7	Supply and fixing 40W LED Gate light of approved make with all necessary accessories (clamps, anchors, nuts and bolts) of Crompton Cat No. LTPO-40-CDL-M or its equivalent model in Philips/ Wipro / Havells / Bajaj)	Nos.	4.00		
8	Loop in Water proof Junction Box (Size of JB Min. 100 mm x 100 mm) - Polymer Hensel / Syntex make with 16 amp heavy duty connector.	Nos.	15.00		
9	Supply and fixing 45W LED Street Light of approved make with all necessary accessories (clamps, anchors, Rod, nuts and bolts) Make : Crompton - CAT No. TRP - 417 - 45-57 SL - LND - NB1 or its equivalent make in Philips / Wipro	Nos.	13.00		
10	Supplying and laying 40mm dia G.I. Pipe after excavaton and then back filling to lay armoured Al. cable through the same from Main Panel Room to gate and gate crossing / to Bike Stand.	Mtr.	80.00		
11	Supplying and laying 100mm dia RCC Pipe NP ² Class (Light Duty) in ground complete with RCC colors jointing with cement mortar (1 cement : 2 fine sand) including trenching (50cm deep) and filling etc. as required for making good the damages.	Mtr.	50.00		
12	Supplying all materials and making brick masonry cable inspection chamber of size inside minimum 900mm x 900mm & depth 600mm, plastering with cement & sand mortar & then provide RCC chamber cover of minimum thickness 75mm Cable in & Cable out from sub-station to main building panel room.	No.	2.00		
13	Suppy and laying of 3C X 2.5 Sq.mm Cu. Flex cাবে in FR PVC Pipe or GI Flex Conduit will all accessories. For JB to light fittings	Nos.	80.00		

14	Supply and Laying of 25 sqmm X 4 core XLPE armored aluminium cable with 2 runs of 12 SWG GI bare wirelaid directly in ground / on surface of wall column using rigid FR PVC Pipe / existing RCC structure / through G.I. pipe / existing hume pipe as the case may be including excavation of earth, cushioning protective covering, refilling the trenches with sand, brick covering including terminator determination complete as per direction.	Mtr.	25.00		
C	INSTALLATION OF 11 KV & 100 KVA SUB-STATION				
C1	11 KV Line Tapping				
1	Supplying and erection of 11 KV PSC Pole 300 Kg 9 mtr long with concreting padding & coupling.	No.	7.00		
2	Supplying, fabricating and fixing of 75 x 40 x 6mm MS channel.	Kg	32.64		
3	Supplying and fixing of 11 KV V Cross Arm.(10.2 kg each)	No.	1.00		
4	Supplying and fixing of all clamps.	Job	1.00		
5	Supplying and fixing of 11 KV B&S Disc Insulator 70 KN (Polymer)	No.	3.00		
6	Supplying and fixing of 11 KV B & S HW fittings.	No.	3.00		
7	Supply and fixing of 11 KV Pin Insulator polymer	No.	3.00		
8	Supplying, fitting and fixing with all concrete works of 11 KV Stay Set (Rod, Wire, Insulator etc.)	Set	2.00		
9	Supply and fixing of G.I. Nuts, bolts, washers of assorted sizes.	Job	L.S.		
10	Supply earthing coil and making earthing.	No.	1.00		
11	Supplying and laying of 50 Sqmm 3 core Al. XLPE 11 KV Cable on PSE Pole	Mtr	400.00		
12	Supplying and making end Joining Kit Heat Shrunk type for above.	Set	4.00		
13	Supplying and fixing of 55 Sqmm AAAC covered conductor.	Mtr	400.00		
14	All miscellaneous materials required for above OH line with necessary GI cross Arm clamps and other accessories.	Item	L.S.		
C2	DP STRUCTURE				
1	Supplying, erecting and connecting including coupling of 11 KV PSC Pole 300 Kg 9 mtr long.	Nos.	2.00		
2	Supplying with transportation, testing, mounting on plinth / substation structure 100 KVA 11/0.4 KV BIS Level - II Al. wound Transformer with manual tap Changing arrangement. (As TPWODL Norm)	Nos.	1.00		

3	Supplying, fabricating and fixing of DP Structure MS items such as 100 x 50 x 6mm channel, 75 x 40 x 6mm channel and 50 x 50 x 6mm angle.	Kg	344.00		
4	Supplying and fixing of 11 KV Polymer Disc Insulator B&S (70 KN).	Nos.	3.00		
5	Supplying and fixing of 11 KV HW fittings 3 Bolts for Disc Insulator (70 KN).	Nos.	3.00		
6	Supply & fixing of PG Clamp for AAAC.	Nos.	3.00		
7	Supply & fixing of GI flat 50 x 6mm & 25 x 6mm.	Kg	54.00		
8	Supplying and fixing of 11 KV DD fuse (400 Amp. 3 Pole)	Set	1.00		
9	Supply and fixing of 11 KV AB Switch (400 amp 3 Pole) with all accessories.	Set	3.00		
10	Supply and fixing of LA 11 KV. 10 KA Station Class 2	No.	3.00		
11	Supplying and fixing of conductor ACSR PVC covered (61.7 Sqmm) with colour code.	Mtr	20.00		
12	Supplying and fixing of 11 KV Stay set complete with concreting, fixing Stay Wire, Stay Rod, Stay Insulator etc.	Set	2.00		
13	Supplying all materials and making Earthing with GI pipes, 3 mtr long 40mm dia with earth chamber cover, chamber, charcoal, salt etc.	Set	5.00		
14	Supplying & laying of HDPE pipes (25mm dia).	Mtr	15.00		
15	Supplying & laying of GI pipes (100 mm dia).	Mtr	3.00		
16	Supplying & laying of 95 Sqmm 1 core 1.1 KV Al. XLPE Armoured Cable.	Mtr	32.00		
17	Supply, Delivery, Installation, Testing and Commissioning of LT Out door Double door Distribution Boards made out of 2 mm thick CR Sheet Metal duly Acid treated, Primered and painted with 2 coats of Enamel Paint of approved Shade, having hinged Door & Compartmental arrangement for each equipment and Bus Bar Chamber on the Top of the Panel running Horizontal through out its length duly Dust, Damp and Vermin proof having provision for Cable / Conduit Entry, Earthing Stud as per Specification mentioned below, duly Factory wired confirming to the relevant ISS and as per Special Conditions of Contract, making good the damages caused complete as per Direction of Consultant or Engineer-In-Charge.				

	LT Distribution Box with 160 Amp. 4 Pole 36 KA MCCB as per TPWODL Norms	No.	1.00		
18	Supplying miscellaneous items such as PVC Tape, Danger Plates, GI Barbed Wire for anticlimbing devices, painting, Hand Gloves, Shock treatment chart, Rubber mat, 3 no. fire bucket Red colour with stand & Canopy.	Item	1.00		
19	Supplying and fixing of GI Nuts and Bolts with Washers of assorted sizes.	Kg	25.00		
20	Liasoning Charges for Inspection by the Electrical Inspector and obtain necessary Clearance from metering authority and Certificate to energize the Substaion and drwaing approval and pay all necessary Fees / Charges. (the Statutory Fees / Charges will reimbursed on Production of Proof of such Payments).	Job	1.00		
21	Fencing, Development of Sub-Station yard	Job	1.00		
22	Supplying and laying of 95 Sqmm 4 core Al. XLPE Armoured cable under ground at 300mm depth with protective covering.	Mtr	60.00		
23	Miscellaneous items required for DP such as painting and safety items including glanding and termination of cables etc.	Job	L.S.		
C3	PLINTH MOUNTED				
1	Fabrication & Galvanisation				
	Providing fabrication for all steel works and also providing hot dip galvanisation thickness ranges from 45 to 85 micrones for steel structure depending on steel thickness [ISO : 1461 common standards like ASTM A123 requires 5200 micrones (approximately) 224mm] while thinner sheets may have 5 - 20 micrones. however, structural steel sections shall have thickness not less than 85 micrones (3.4 mm) whereas fasteners / hardware shall have 40 - 50 micrones (1.8 - 2 mm)	Kg	344.00		
2	Concrete Work	Cum	2.00		
	Providing plain cement concrete (1:3:6) using 12mm & down granite aggregates complete with all labour & materials.				
(a)	For Stay Plate	Cum	2.00		
(b)	For SUP	Cum	2.00		
3	Economic Brick Design Fencing				

	Providing fencing in brick masonry work using locally available best quality fly ash bricks of half brick thick wall having min. 9" x 9" brick pillars @ 3.5 mtr intervals with adequate foundation laid over cement concrete (1:3:6), necessary earthwork in excavaton, refilling the trenches of foundation including plastering the exposed surfaces and painting with cement based paint of approved colour as as per drawing.	Each	1.00		
4	Plinth for Transformer				
	Providing plinth for foundation having size 1.6 mtr x 1.9 mtr x 2 mtr high. The structure shall have 4 nos. of 9" x 9" RCC columns with reinforcement steel of 4 nos. of 12mm dia, 8mm rings about 8" center to centre built over RCC foundation and RCC Beam (30/300) 120mm th. RCC slab all as per drawing. There should be provision for accommodation of cable ducts, earthing pit and a gravel field sump for oil containment and also secure secure anchor bolts for transformer presizely embedded in the concrete using steel template to ensure correct alignment. the concrete work shall be finished with plaster (1:4), proper curing, chamfering edges with painting using cement based paint.	Each	1.00		
	Sub Total (C)				
<u>ABSTRACT</u>					
					AMOUNT IN RS.
A	SUB-TOTAL OF FITTING & FIXTURES				
B	SUB-TOTAL OF PUMP & AREA LIGHT WIRING				
C	SUB-TOTAL OF INSTALLATION OF 11 KV & 100 KVA SUB-STATION				
	GRAND TOTAL AMOUNT (A+B+C) EXCLUDING GST				
	Net Tender Amount in words : Rupees' Only) Excl. GST				
	NOTES:				
1	The quoted prices shall be firm and inclusive of all duties, transportation, handling, loading and unloading at site, road permit, etc including all incidental charges required for sucessful completion of works and no extra will be permitted. Only GST will be paid extra as per actual. Bill will be paid as per acutual work done at site.				

2	Work shall be done upto to the satisfaction of Client / Bank
3	The L-1 bidder should ensure the HTMU DP structure, Sub-Station DP structure, Transformer and other allied Sub-Station equipment make, which will be inspected by the TPWODL, need to be in-line with the TPWODL make, inorder not to have any hindrances during charging of the said Sub-Station and allied electrical works.
4	Lengths of cables/conductor from Section may vary as per the approved locations of Panel & DB's on site. The contrctor should work according to final layout.
5	All bidders shall visit the site prior to giving quotes to get themselves acquainted with site conditions. No demand shall be later entertained due to site conditions.