

### Item Rate BoQ

Tender Inviting Authority: Staff Officer(E&M), BnK Area.

Name of the Work / Contract No:	(A) Outdoor Illumination arrangement of Executive Hotel(CISF) and (B) CISF barrak, HQ near kargali Football ground under GM unit, B&K Area							
	Category of Services (To Be Selected by Department)	Category of Bidder / To Be	To Be Entered by Reapartment					
ITC Not Available	Works Contract	Bidder's Status (Mandatory)	Rate of GST (in %)	Total GST(in Rs.)	GST to be Paid By Bidder (in Rs.)			GST to be Paid By CL/Subsidiary (in Rs.)
Name of the Bidder/ Bidding Firm / Company :		Select	18	0.00	0.00			0.00

### PRICE SCHEDULE

(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only )

NUMBER #	TEXT #	NUMBER	TEXT #	NUMBER	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	Estimated Rate in Rs. P	BASIC RATE in Figures To be entered by the Bidder in Rs. P	TOTAL AMOUNT Without Taxes in Rs. P	TOTAL AMOUNT In Words
1	2	3	4	5	6	7	8
1	Supply & Providing of aluminium land scape luminaire with high power LEDs (15Watt, IP65) std make.	44	No.			0.00	INR Zero Only
2	Supply & Providing of aluminium land scape luminaire with high power LEDs (25Watt, IP65) std make.	4	No.			0.00	INR Zero Only
3	Supplying & providing of 50 mm G.I. Pipe medium class	42	Mtr			0.00	INR Zero Only
4	Supplying & providing of 76 mm G.I. Pipe medium class	2	Mtr			0.00	INR Zero Only
5	Dismantling of failed light fitting from pole/structure	37	No.			0.00	INR Zero Only
6	Erection of repaired light fittings on pole/structure	37	No.			0.00	INR Zero Only
7	Repairing, Painting, re-installation of garden light with all nut bolt washer etc.	15	No.			0.00	INR Zero Only
8	Supplying and fixing metal box of following sizes (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in front including painting etc as required,(100 mm X 100 mm X 60 mm deep)	59	Each			0.00	INR Zero Only
9	Supplying and fixing of 32 mm dia X 1,000 metres long G.I. pipe (medium class) bracket for mounting of fluorescent /HPMV /HPSV street light fitting on pole including bending the pipe to the required shape, 2 nos 40 mm X 3 mm flat iron clamps with nuts, bolts and washer, painting the flat iron with primer and finish paint etc. as required.	28	No.			0.00	INR Zero Only
10	Wiring for circuit/ submain wiring alongwith earth wire with the 2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire of FR PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required.	560	Mtr			0.00	INR Zero Only
11	PVC insulated and PVC Round Sheathed, Multicore Annealed Bare Copper Conductor (flexible) industrial cable for Voltage Grade 1100 Volt, Conforming to IS 694 : 2010, 3 core, 1.5 sqmm	225	Mtr			0.00	INR Zero Only
12	PVC insulated and PVC Round Sheathed, Multicore Annealed Bare Copper Conductor (flexible) industrial cable for Voltage Grade 1100 Volt, Conforming to IS 694 : 2010, 3 core, 2.5 sqmm	120	Mtr			0.00	INR Zero Only
13	Supply of 20 mm dia. ISI marked, PVC conduit	155	Mtr			0.00	INR Zero Only
14	Laying of one number PVC insulated and PVC sheathed /XLPE power cable of 1.1 KV grade of	125	Mtr			0.00	INR Zero Only
15	Providing and laying in position cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) in foundation of pump, DSI set etc including form work etc as required.	7.77	cum			0.00	INR Zero Only
16	Supplying and fixing DP sheet steel enclosure on surface/ recess along with 25/32amps 240 volts "C" curve DP MCB complete with connections, testing and commissioning etc. as required.	4	No.			0.00	INR Zero Only
17	Supply & Providing of earthing electrode system (78sqmm x 3mtr long) in view of chemical earth pit making	3	No.			0.00	INR Zero Only
18	Supply & Providing of high grade ground fill compound (GBFC) Bag approximately 25Kg each	6	Bag			0.00	INR Zero Only
19	Installation charges for chemical earltpit	3	No.			0.00	INR Zero Only
20	Supplying and laying 25 mm X 5 mm G.I strip at 0.50 metre below ground as strip earth electrode, including connection/ terminating with G.I. nut, bolt, spring, washer etc. as required. (Joining shall be done by overlapping and with 2 sets of G.I. nut bolt & spring washer spaced at 50mm)	35	Mtr			0.00	INR Zero Only
21	Fitting, Fixing and Testing charges on S.No.1,2,3,4,11,12and 13 with Overhead and profit @15 %	1	Job			0.00	INR Zero Only
22	Total impact of GST for the purpose of CTC	1.000	No.		0.00	0.00	INR Zero Only
Total In Figures						0.00	INR Zero Only

### Item Rate BoQ

Tender Inviting Authority: Staff Officer(E&M), BnK Area.

Name of the Work / Contract No:		Disassembling of pump set from base plate & pipe line and Running Repairing of DSM -6 pump (1500GPM) (KGW Shed) and commissioning the pump WNP, make-Kirloskar having punch sl. No. BnX/IWSP/DSM6/KGW/02 on base plate after repair with alignment & level setting with spirit level with pipe line and minor running repairing of and fabrication of damaged parts / spare parts of the rotating element of Bareja make Water pump in respect of IWSP, B&K Area.					
Category of Services (To Be Selected by Department)		Category of Bidder / To Be	To Be Entered by Reamount				
ITC Not Available		Works Contract	Bidder's Status (Mandatory)	Rate of GST (in %)	Total GST(In Rs.)	GST to be Paid By Bidder (in Rs.)	GST to be Paid By CL/Subsidiary (in Rs.)
Name of the Bidder/ Bidding Firm / Company :		Select	18	0.00	0.00	0.00	0.00
PRICE SCHEDULE							
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NUMBER #	TEXT #	NUMBER	TEXT #	NUMBER	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	Estimated Rate in Rs. P	BASIC RATE in Figures To be entered by the Bidder in Rs. P	TOTAL AMOUNT Without Taxes in Rs. P	TOTAL AMOUNT In Words
1	2	3	4	5	6	7	8
1	Complete pump body opening and fitting from base plate and pipe line with damaged pipes repairing and full overhauling & setting including labour charges.	1	No.			0.00	INR Zero Only
2	Worn out and damaged bearing seat and shaft repairing by spl. electrodes depositing and machining to required bearing size of 6315 and 6413.	2	Nos.			0.00	INR Zero Only
3	Shaft damaged and worn out the ends making by welding, machining & thread making with new long checknut making.	1	No.			0.00	INR Zero Only
4	Pump upper side test cork hole tapping and 1" dia gate valve, bend with nipple providing & fitting.	1	No.			0.00	INR Zero Only
5	Fabrication of new C.I long bush as per sample.	2	Nos.			0.00	INR Zero Only
6	Neck ring new making of C.I materials.	2	Nos.			0.00	INR Zero Only
7	Interstage ring new making of C.I materials.	2	Nos.			0.00	INR Zero Only
8	Fabrication of new short bush as per sample.	2	Nos.			0.00	INR Zero Only
9	Split gland new making as per sample.	2	Set.			0.00	INR Zero Only
10	Bearing cartridge with cover new making DE/NDE side of C.I material suitable for bearing 6315 and 6413 size.	2	Set.			0.00	INR Zero Only
11	Repairing of impeller side through Gun metal and its positioning on lathe machining works.	1	Job			0.00	INR Zero Only
12	DSM -6 pump body casing damaged /wornout neck ring seat portion including holes welding by C.I electrodes as well as cover portion and grinding as per required size and shape.	1	Lot.			0.00	INR Zero Only
13	Fabrication of steel stud of different size and type with materials.	15	Nos.			0.00	INR Zero Only
14	Fabricating of new set of keys.	1	Set.			0.00	INR Zero Only
15	New coolant pipe with adapters providing and fitting.	1	Set.			0.00	INR Zero Only
16	Body casing hole tapping as per direction of E/I charge.	15	Nos.			0.00	INR Zero Only
17	Disassembling, loading, unloading, installation and testing of pump at site.	1	Unit.			0.00	INR Zero Only
18	Disassembling and opening pump fitting from base plate and pipe line with damaged pipes repairing and full overhauling & setting including labour charges of the rotating element of Bareja make water pump.	1	No.			0.00	INR Zero Only
19	New making of shaft of the water pump as per sample with S.S materials.	1	No.			0.00	INR Zero Only
20	New making of checknuts for shaft of different sizes.	2	Nos.			0.00	INR Zero Only
21	New making of S.S. bush as per sample.	1	No.			0.00	INR Zero Only
22	Fabrication of new C.I impeller as per sample.	1	Nos.			0.00	INR Zero Only
23	New making of split gland as per size.	1	Nos.			0.00	INR Zero Only
24	New making of gland studs as per sample.	2	Nos.			0.00	INR Zero Only
25	Bearing housing both side C.I welding and machining as per bearing size on lathe n/c.	2	Set.			0.00	INR Zero Only
26	Bareja pump body casing studs holes oversize drilling and tapping	16	Nos.			0.00	INR Zero Only
27	Fabrication of steel stud of different size and type with materials.	16	Nos.			0.00	INR Zero Only
28	New making of set of keys	1	set			0.00	INR Zero Only
29	Disassembling, loading, unloading, installation and testing of pump at site.	1	Unit			0.00	INR Zero Only
30	Total impact of GST for the purpose of CTC	1.000	No.		0.00	0.00	INR Zero Only
Total in Figures						0.00	INR Zero Only
Quoted Rate in Words						INR Zero Only	

Tender Inviting Authority: Staff Officer(E&M), BnK Area.

Name of the Work / Contract No:

Dismantling, refurbishing, repairing, and reassembling, including installation, adjustment, activation of the motor, couplings, 10 stages VT Pump along with line shaft, shafting tube, column pipe, all other required work of Vertical Turbine pump set, 1000 GPM, 10 stage, 200 mtr head, Jyoti Ltd make, 350 T 204- 05 type, Sl. No-21278, installed at V.T Pump House River site of IWSP, B&K Area.

Category of Services (To Be Selected by Department)

Works Contract

Category of Bidder (To Be Entered by Department)

Bidder's Status (Mandatory)

Select

To Be Entered by Department

Rate of GST (in %)

18

Total GST(In Rs.)

0.00

GST to be Paid By Bidder (In Rs.)

0.00

GST to be Paid By CIL/Subsidiary (In Rs.)

0.00

Name of the Bidder/ Bidding Firm / Company :

PRICE SCHEDULE

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Sl. No.	Item Description	Quantity	Units	Estimated Rate in Rs. P	BASIC RATE in Figures To be entered by the Bidder in Rs. P	TOTAL AMOUNT Without Taxes in Rs. P	TOTAL AMOUNT in Words
1	2	3	4	5	6	7	8
1	Complete dismantling of 10 stage vertical turbine pump assembly part by part for cleaning, checking & rectification	1	Job			0.00	INR Zero Only
2	Dismantling of coupling set & motor assembly & shifting from working place.	1	Job			0.00	INR Zero Only
3	Dismantling of delivery pipe line, short piece & bends.	1	Job			0.00	INR Zero Only
4	Providing of Repair kit for V.T Pump like as "O" rings, rubber seals, gasket, packing, lock rings, seems, stuffing box packing, oil seals, body bolts, nuts, washers, test valve, oil pipe, oil valve, grease.	1	set			0.00	INR Zero Only
5	Supplying & fixing EN-18 Carbon steel Master shaft of size- 1525mm x 60mm round material.	1	No.			0.00	INR Zero Only
6	Supplying & fixing of flange part with bronze bearing of line shaft	3	No.			0.00	INR Zero Only
7	Coupling bolts and S.R.C bushes for above both coupling.	12	No.			0.00	INR Zero Only
8	Complete assembly re-fitting, assembling, setting, commissioning 10 stage vertical turbine pump.	1	set			0.00	INR Zero Only
9	Supplying & fixing ball bearing No- 6222 C3	1	No.			0.00	INR Zero Only
10	Supplying & fixing V.T Pump main drive Thrust Bearing No-29322E	1	No.			0.00	INR Zero Only
11	Supplying & fixing of flange part with shaft tube rubber spider.	3	No.			0.00	INR Zero Only
12	Supplying & fixing of flange part with shaft tube sockets.	3	No.			0.00	INR Zero Only
13	Supplying & fixing of flange part with Neosporin rubber sealing/ circlets for Bowel assembly fitting with impeller of stages.	1	set			0.00	INR Zero Only
14	Re-pointing of delivery pipe line short piece & bends	1	Job			0.00	INR Zero Only
15	Overhead expenses & incidental charges for safety at site.	1	No.			0.00	INR Zero Only
16	Testing of pump after refitting of complete assembly.	1	Job			0.00	INR Zero Only
17	Total impact of GST for the purpose of CTC	1.000	No.		0.00	0.00	INR Zero Only
Total in Figures						0.00	INR Zero Only
Quoted Rate in Words						INR Zero Only	

Tender Inviting Authority: Staff Officer(E&M), BnK Area.

Name of the Work / Contract No:

Shifting of the pumps/Motors at river side during monsoon during the flood occurrence in river side/Damodar river and also during unforeseen/unwanted breakdowns of equipments along with installation of lightning arrestor in respect of IWSP, B&K Area.

Category of Services (To Be Selected by Department)

Works Contract

Category of Bidder (To Be)

Bidder's Status (Mandatory)

Select

To Be Entered by Department

Rate of GST (in %)

18

Total GST(In Rs.)

0.00

GST to be Paid By Bidder (in Rs.)

0.00

GST to be Paid By CL/Subsidiary (in Rs.)

0.00

Name of the Bidder/ Bidding Firm / Company :

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Sl. No.	Item Description	Quantity	Units	Estimated Rate in Rs. P	BASIC RATE in Figures To be entered by the Bidder in Rs. P	TOTAL AMOUNT Without Taxes in Rs. P	TOTAL AMOUNT In Words
1	2	3	4	5	6	7	8
1	Disassembling of Pumps/Motors from base plate, suction & delivery, its transportation to a safer place (including all electrical connections) due to rise in the water level during occurrence of flood.	8	sets			0.00	INR Zero Only
2	Transportation & reinstallation (including all electrical connections) after shifting of pumps, motors & starters to base frame due to fall in the water level and providing of heating arrangement of motors at site to remove dampness.	8	sets			0.00	INR Zero Only
3	Cutting of 8"6" MS/G.I. pipes making connection including pipe during matching, suction adjustment/ lowering/ heightening as per the water level in the river	714	inch			0.00	INR Zero Only
4	Welding of pipe and fitting making connection of pipe for the above adjustment or matching in proper size.	1460	inch			0.00	INR Zero Only
5	Earthing with copper earth plate 600 mm x 600 mm x 3 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 metre long etc. with charcoal/ coke and salt as required.	3	Nos.			0.00	INR Zero Only
6	Supply of Turpal for covering of motor.	8	Nos.			0.00	INR Zero Only
7	Supply of rope	210	Mtrs.			0.00	INR Zero Only
8	Tested and certified by CPRI (Central power research institute), Govt. of India for impulse current of (8/20us) in 70KA with 5 positive and 5 negative impulse. No external power supply will be provided. Protection radius upto 52 mtr. in level-3 and 57 mtr. in level-4, minimum height 5 mtr. of lighting arrestor with elevation rod, ESE lighting arrestor to be stainless steel location	1	Nos.			0.00	INR Zero Only
9	Providing and fixing of 6 digit non resistible lighting event counter with IP67 enclosure to count lightning strike	2	Nos.			0.00	INR Zero Only
10	Cleaning of footvalves, its leather post monsoon including replacing of damaged bolts/flanges as per requirement	8	Job			0.00	INR Zero Only
11	Providing and fixing 70mm x 6mm G.I. strip as required (approx 20 mtr. for each site).	80	Mtrs.			0.00	INR Zero Only
12	Installation charge for ESE type lightning arrestor advance lightning arrestor.	1	Set.			0.00	INR Zero Only
13	Transportation & reinstallation of motor/pumps to base plate on rectification	6	job			0.00	INR Zero Only
14	Supply and fixing of net jalli	270	sqm			0.00	INR Zero Only
15	Supply and fixing angle for jalli 10 x 20 x 4.5Kg/m	900	Kgs.			0.00	INR Zero Only
16	Jamming of rail pole tippler	3	each			0.00	INR Zero Only
17	Muffing for jamming of rail pole tippler	9.5	cum			0.00	INR Zero Only
18	Demolishing brick work manually by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 meters lead as per direction of Engineer-in-charge. In cement mortar	1.84	Cum			0.00	INR Zero Only
19	Brick work with common burnt clay F.P.S.(non modular) bricks of class designation 5.0 in superstructure above plinth level up to floor V level in all shapes and sizes in : Cement mortar 1:6 (1 cement : 6 coarse sand).	2.64	Cum			0.00	INR Zero Only
20	Providing high impact Polypropylene reinforced cement 6 mm thick corrugated sheets (as per IS: 14871) roofing up to any pitch and fixing with polymer coated L or L hooks, bolts and nuts 8 mm dia. G.I. plain and bitumen washers or with self drilling fastener and EPDM washers etc. complete (excluding the cost of purllins, rafters and trusses), including cutting sheets to size and shape wherever required.	8.7	Sqm			0.00	INR Zero Only
21	12mm cement plaster of mix 1:6 (1 cement : 6 fine sand).	50.59	Sqm			0.00	INR Zero Only
22	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	147.78	Kgs.			0.00	INR Zero Only
23	Earth work in excavation by mechanical means (Hydraulic Excavator ) manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan) including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m. All kinds of soil.	338.68	Cum			0.00	INR Zero Only
24	Demolishing cement concrete manually by mechanical means including disposal of material within 50 meters lead as per direction of Engineer-in-charge : Nominal concrete 1:3:6 or richer mix (i.e equivalent design mix).	3.24	Cum			0.00	INR Zero Only
25	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering. All work upto plinth level : 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size).	48.1	Cum			0.00	INR Zero Only
26	Supplying and filling in plinth with Jamuna sand under floors including, watering, ramming consolidating and dressing complete.	25.72	Cum			0.00	INR Zero Only
27	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work upto plinth level : 1:3:6 (1 Cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size).	13.65	Cum			0.00	INR Zero Only
28	Dry brick on edge flooring in required pattern with bricks of class designation 5.0 on a bed of 12 mm mud mortar, including filling joints with Jamuna sand, with common burnt clay non modular bricks.	144	Sqm			0.00	INR Zero Only
29	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 5.0 in foundation and plinth in : Cement mortar 1:6 (1 cement : 6 coarse sand).	27.75	Cum			0.00	INR Zero Only
30	12 mm cement plaster finished with a floating coat of neat cement of mix : 1:4 (1 cement : 4 fine sand)	92.5	Sqm			0.00	INR Zero Only
31	Lettering with black Japan paint of approved brand and manufacture	5000	Cm			0.00	INR Zero Only
32	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade : Two or more coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture.	290	Sqm			0.00	INR Zero Only
33	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering. All work upto plinth level : 1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20mm nominal size).	18.9	Cum			0.00	INR Zero Only
34	Total impact of GST for the purpose of CTC	1.000	No.		0.00	0.00	INR Zero Only
Total in Figures						0.00	INR Zero Only
Quoted Rate in Words						INR Zero Only	

### Item Rate BoQ

Tender Inviting Authority: Staff Officer(E&M), BnK Area.

Name of the Work / Contract No:	Shifting of the 11 kV Bokaro feeder from Kargali to Ramilias High School for paving way for extension and laying of Railway track by IPRL for the CHP cum silo Karo (7.0 MTPA), w.r.t. Karo OCP, under BnK Area.							
	Category of Services (To Be Selected by Department)	Category of Bidder (To Be)	To Be Entered by Department					
ITC Not Available	Works Contract	Bidder's Status (Mandatory)	Rate of GST (in %)	Total GST(in Rs.)	GST to be Paid By Bidder (in Rs.)	GST to be Paid By CL/Subsidiary (in Rs.)		
Name of the Bidder / Bidding Firm / Company :		Select	18	0.00	0.00	0.00		

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