

Projects:- 2 X 800 MW KODERMA TPS, PHASE - II & 2X660 MW DVC RAGHUNATHPUR PHASE 2 SG ISL

Package:- STATION LIGHTING SYSTEM

Eng. No. 77/26/6074/SHA, Dated 25.06.26

Combined Price Format

Bidder Name:-

S. No.	Item Description	QTY.	Unit	TOTAL PRICE (Ex-WORKS) Rs.	FREIGHT % IN W.R.T TOTAL EX-WORKS (IN %)	FREIGHT AMOUNT (Rs.)	TOTAL PRICE (EXWORKS + FREIGHT) (Rs.)	GST@18% ON EX-WORKS + FREIGHT (Rs.)	TOTAL FOR SITE PRICE (Rs.)	Remarks
1	Main Supply incl. E & C Spares Price for 2 X 800 MW KODERMA TPS, PHASE - II	1	Lot			-	-	-	-	L1 bidder to furnish the Break up of prices after Reverse auction as per BOQ cum unpriced schedule enclosed with NIT.
2	E & C Price for 2 X 800 MW KODERMA TPS, PHASE - II	1	Lot			-	-	-	-	L1 bidder to furnish the Break up of prices after Reverse auction as per BOQ cum unpriced schedule enclosed with NIT.
3	Mandatory Spares Price for 2 X 800 MW KODERMA TPS, PHASE - II	1	Lot			-	-	-	-	L1 bidder to furnish the Break up of prices after Reverse auction as per BOQ cum unpriced schedule enclosed with NIT.
4	Total Price for 2 X 800 MW KODERMA TPS, PHASE - II		Lot	-		-	-	-	-	
5	Main Supply Price incl. E & C Spares for 2X660 MW DVC RAGHUNATHPUR PHASE 2 SG ISL	1	Lot			-	-	-	-	L1 bidder to furnish the Break up of prices after Reverse auction as per BOQ cum unpriced schedule enclosed with NIT.
6	E & C Price for 2X660 MW DVC RAGHUNATHPUR PHASE 2 SG ISL	1	Lot			-	-	-	-	L1 bidder to furnish the Break up of prices after Reverse auction as per BOQ cum unpriced schedule enclosed with NIT.
7	Mandatory Spares Price for 2X660 MW DVC RAGHUNATHPUR PHASE 2 SG ISL	1	Lot			-	-	-	-	L1 bidder to furnish the Break up of prices after Reverse auction as per BOQ cum unpriced schedule enclosed with NIT.
8	Total Price for 2X660 MW DVC RAGHUNATHPUR PHASE 2 SG ISL		Lot	-		-	-	-	-	
9	Grand Total (2 X 800 MW KODERMA TPS, PHASE - II +2X660 MW DVC RAGHUNATHPUR PHASE 2 SG ISL)- Evaluation Price		Lot	-		-	-	-	-	

NOTES:

1	L1 bidder to furnish the Break up of prices after Reverse auction as per BOQ cum unpriced schedule enclosed with NIT.
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Project Name: 2 X 800 MW KODERMA TPS, PHASE - II

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NIT no. 77/26/6074/SHA, dated 25.06.26

BOQ CUM UNPRICED SCHEDULE (MAIN SUPPLY incl. E & C Spares) -Bidders to mention "Quoted" in respective coloumn

Sr.No	Item Code	Description	UOM	Quantity	Unit Ex-works Price (Rs.)	Total Ex-works Price (Rs.)	Freight@... on Total Exworks (Rs.)	Total Exworks + Freight (Rs.)	GST@18% on Total Exworks + Freight (Rs.)	Total FOR Site Price (Rs.)
4.1	558-0110121-00-A	RECEPTACLES TYPE RA	NOs	662						
4.2	558-0110122-00-A	RECEPTACLES TYPE RA (FLAME PROOF)	NOs	4						
4.3	558-0110123-00-A	RECEPTACLES TYPE RB	NOs	551						
4.4	558-0110124-00-A	RECEPTACLES TYPE RC	NOs	326						
4.5	558-0110249-00-A	RECEPTACLES TYPE-RC (FLAME PROOF)	NOs	3						
5		Fans								
5.1	558-0110170-00-A	PEDESTAL FAN	NOs	15						
5.2	558-0110014-00-A	CEILING FANS 1200 MM SWEEP	NOs	10						
6		Emergency lighting Units								
6.1	558-0110024-00-A	EMERGENCY LIGHTING UNIT	NOs	24						
7		24V Supply module & lamp unit complete with all accessories								
7.1	558-0110263-00-A	5A,24V SOCKET & LAMP	NOs	65						
7.2	558-0110120-00-A	PORTABLE HALOGEN LAMP UNIT	NOs	40						
8	558-0110025-00-A	EXIT SIGN	NOs	90						
9	558-0110325-00-A	Occupancy sensor	NOs	50						
10	558-0110254-00-A	LIGHTING DIMMER SYSTEM	NOs	1						
11	558-0110962-00-A	FLEXIBLE CONDUIT	Mtr	28800						
12		Ladder								
12.1	558-0110028-00-A	FREE STANDING LADDER (5 M to 10 M Adjustable)	NOs	17						
12.2	558-0110256-00-A	STEP LADDER-SL2 (Portable Aluminium Ladder)	NOs	17						
13	558-0110127-00-A	STRUCTURAL STEEL	MTON	60						
14	558-0110262-00-A	ERECTION MATERIAL & CONSUMABLES	LOTS	5						
15		LIGHTING DISTRIBUTION BOARD (LDB) & WELDING DISTRIBUTION BOARD (WDB)								
15.1	558-0110944-00-A	AC LDB TYPE-H(O/G 12)-WITH TWO INCOMER (WITH MECHANICAL INTERLOCK)	NOs	3						
15.2	558-0110301-00-A	AC LDB Type H2(12) - WITH ONE INCOMER - LDB H2 (12)	NOs	17						
15.3	558-0110941-00-A	AC LDB TYPE-H(O/G 8)-WITH TWO INCOMER (WITH MECHANICAL INTERLOCK)	NOs	5						
15.4	558-0110010-00-A	AC LDB TYPE - F (8) WITH ONE INCOMER	NOs	2						
15.5	558-0110013-00-A	AC WDB TYPE -H (12)	NOs	8						

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BOQ CUM UNPRICED SCHEDULE (MAIN SUPPLY incl. E & C Spares) -Bidders to mention "Quoted" in respective coloumn

Sr.No	Item Code	Description	UOM	Quantity	Unit Ex-works Price (Rs.)	Total Ex-works Price (Rs.)	Freight@... on Total Exworks (Rs.)	Total Exworks + Freight (Rs.)	GST@18% on Total Exworks + Freight (Rs.)	Total FOR Site Price (Rs.)
15.6	558-0110136-00-A	TRANSFORMER 100 KVA	NOs	31						
15.7	558-0110139-00-A	TRANSFORMER 50 KVA	NOs	12						
15.8	558-0110018-00-A	DC LDB TYPE-D (12)	NOs	6						
16		LIGHTING PANELS (LP)								
16.1	558-0110075-00-A	LIGHTING PANEL INDOOR TYPE-LP-A (18)	NOs	19						
16.2	558-0110080-00-A	LIGHTING PANEL OUTDOOR TYPE-LP-A (18)	NOs	58						
16.3	558-0110072-00-A	LIGHTING PANEL (DECORATIVE) TYPE-A (12)	NOs	27						
16.4	558-0110074-00-A	LIGHTING PANEL INDOOR TYPE- LP-A (12)	NOs	69						
16.5	558-0110077-00-A	LIGHTING PANEL OUTDOOR TYPE- LP-A (12)	NOs	54						
16.6	558-0110150-00-A	LIGHTING PANEL INDOOR TYPE LP-D (6)	NOs	21						
16.7	558-0110079-00-A	LIGHTING PANEL OUTDOOR TYPE LP-D (6)	NOs	19						
16.8	558-0110082-00-A	LIGHTING PANEL STREET TYPE LP-S (6)	NOs	11						
16.9	558-0110248-00-A	LP OUT DOOR TYPE LP-E(24) WITH 3 KVA TRF	NOs	38						
17		POLES [Octagonal POLES, GALVANISED]								
17.1	558-0110115-00-A	POLES TYPE PF1	NOs	10						
17.2	558-0110116-00-A	POLES TYPE PF2	NOs	10						
17.3	558-0110117-00-A	POLES TYPE PS1	NOs	400						
17.4	558-0110118-00-A	POLES TYPE PS2	NOs	90						
18		Lighting Driver (complete with accessories)								
18.1	558-0110964-00-A	DRIVER - LUMINAIRES TYPE FC06 (LED)	NOs	10						
18.2	558-0110965-00-A	DRIVER - LUMINAIRES TYPE FC07 (LED)	NOs	10						
18.3	558-0110973-00-A	DRIVER - LUMINAIRES TYPE FC30 (LED)	NOs	10						
18.4	558-0110966-00-A	DRIVER - LUMINAIRES TYPE FC33 (LED)	NOs	10						
18.5	558-0110967-00-A	DRIVER - LUMINAIRES TYPE FC34 (LED)	NOs	10						
18.6	558-0110980-00-A	DRIVER - LUMINAIRES TYPE FC81 (LED)	NOs	10						
18.7	558-0110977-00-A	DRIVER - LUMINAIRES TYPE SB11 (LED)	NOs	10						
18.8	558-0110969-00-A	DRIVER - LUMINAIRES TYPE SB02 (LED)	NOs	10						
18.9	558-0110970-00-A	DRIVER - LUMINAIRES TYPE SB03 (LED)	NOs	10						
18.10	558-0110968-00-A	DRIVER - LUMINAIRES TYPE SF63 (LED)	NOs	10						
18.11	558-0110974-00-A	DRIVER - LUMINAIRES TYPE SF64 (LED)	NOs	10						
18.12	558-0110978-00-A	DRIVER - LUMINAIRES TYPE SS62 (LED)	NOs	10						
18.13	558-0110979-00-A	DRIVER - LUMINAIRES TYPE SS63 (LED)	NOs	10						

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Sr.No	Item Code	Description	UOM	Quantity	Unit Ex-works Price (Rs.)	Total Ex-works Price (Rs.)	Freight@.... on Total Exworks (Rs.)	Total Exworks + Freight (Rs.)	GST@18% on Total Exworks + Freight (Rs.)	Total FOR Site Price (Rs.)
18.14	558-0110976-00-A	DRIVER - LUMINAIRES TYPE SW41 (LED)	NOs	10						
18.15	558-0110971-00-A	DRIVER - LUMINAIRES TYPE SW42 (LED)	NOs	10						
18.16	558-0110972-00-A	DRIVER - LUMINAIRES TYPE MW96 (LED)	NOs	10						
18.17	558-0110975-00-A	DRIVER - DOWNLIGHTER 15-18W(LED)	NOs	10						
18.18	558-0110963-00-A	DRIVER - DIMMABLE DOWNLIGHTER (LED)	NOs	10						

NOTES

- 1 Erection & commissioning materials for E&C of main supply items and free issue items (like PVC wires, Rigid steel conduits, cables, Earthing flats, Earthing rod, 14 SWG GI Wire etc.) such as double compression cable glands, conduit fittings viz. couplers, elbows, bends, tees, circular boxes, inspection bend etc. conduit accessories viz. clips, saddles, spacing plates, entry bushes, lock nuts, check nut, plugs, heavy duty lugs, ferrules, expansion fasteners, covers for power outlets in wash rooms and showers, ball & sockets, earth clips, fan boxes, clamps, screws, ceiling rose, casing and capings, adapter gland set, reducer, U bolt with nut washer, csk nut bolt, M / H Hook with rawl plug, Nail clamp for 3Cx2.5 Sq. mm CU LT XLPE Cable, Electrical tape etc. and accessories including commissioning & operational spares up to system handing over to CUSTOMER has to be worked out for complete and successful erection & commissioning of the total supply and free issue material as per BOQ. The price to be quoted for MAIN SUPPLY at S.No.14 accordingly. This erection & commissioning material shall be released in 5 parts (lots) based on lot released for main supply items.
- 2 Erection & commissioning materials for equipments and fittings under bidder scope of supply is in bidder's scope, Erection & commissioning materials for free issue material (like GI wire & Flat, MS Rod, Hume Pipe, PVC Wire, Hot dip Galvanised Rigid Steel Conduits, Cable and buried underground cable as listed at S.No. 12,13,14,18,19,20 and 21 of Unpriced Schedule for Erection and Commissioning Schedule respectively) is also in bidder's scope, Accordingly, Erection & commissioning of all equipments and fittings under "MAIN SUPPLY" & "ERECTION and COMMISSIONING (INSTALLATION)" is in bidder's scope.
- 3 Container as per Specification are to be supplied along with first supplies. The price of container is deemed to be included in package price. No separate charges shall be payable.
- 4 The material shall be supplied in LOTS. LOTS shall be released progressively based on approved conduit layout of different areas and project requirement.
- 5 Lighting system design charges are deemed to be included in the price of above items. No separate charges for design activity will be payable.
- 6 Type Tests charges are deemed to be included in the price of above items. No separate charges for type testing will be payable.
- 7 During supply of material, container numbers shall be verified with receipted LR for making payment along with Engineering concurrence.
- 8 PVC shall be applicable for Distribution Boards, Lighting panels, Lighting & Welding transformers and Lighting Poles as per attached PVC Formula and IEEMA Circulars.
- 9 BOQ of main supply items is inclusive of BOQ of E&C spares
- 10 E&C spares shall be released in consultation with site during erection and commissioning.

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Sr.No	Item Code	Description	UOM	Quantity	Unit Ex-works Price (Rs.)	Total Ex-works Price (Rs.)	GST@18% on Total Exworks (Rs.)	Total FOR Site Price (Rs.)
1		Lighting Luminaires (complete with accessories)						
1.1	558-0110284-00-C	LUMINAIRES TYPE FC06(LED)	NOs	2420				
1.2	558-0110950-00-C	LUMINAIRE TYPE LED FC07 (LED) - DC	NOs	600				
1.3	558-0110309-00-C	LUMINAIRES TYPE FC30(LED)	NOs	1365				
1.4	558-0110328-00-C	LUMINAIRES TYPE FC33(LED)	NOs	240				
1.5	558-0110939-00-C	Luminaire Type LED FC34 (LED)	NOs	530				
1.6	558-0110286-00-C	LUMINAIRES TYPE FC81(LED)	NOs	375				
1.7	558-0110313-00-C	LUMINAIRES TYPE SB11(LED)	NOs	155				
1.8	558-0110314-00-C	LUMINAIRES TYPE SB02(LED)	NOs	650				
1.9	558-0110315-00-C	LUMINAIRES TYPE SB03(LED)	NOs	155				
1.10	558-0110311-00-C	LUMINAIRES TYPE SF63(LED)	NOs	95				
1.11	558-0110949-00-C	LUMINAIRE TYPE LED SF64 (LED)	NOs	40				
1.12	558-0110288-00-C	LUMINAIRES TYPE SS62(LED)	NOs	750				
1.13	558-0110289-00-C	LUMINAIRES TYPE SS63(LED)	NOs	135				
1.14	558-0110319-00-C	LUMINAIRES TYPE SW41(LED)	NOs	9100				
1.15	558-0110320-00-C	LUMINAIRES TYPE SW42(LED)	NOs	1650				
1.16	558-0110940-00-C	LUMINAIRES TYPE MW96(LED)	NOs	305				
1.17	558-0110948-00-C	LUMINAIRE TYPE DOWNLIGTER 15-18W(LED)	NOs	610				
1.18	558-0110947-00-C	LUMINAIRE DIMABLE DOWNLIGTER 15-18W(LED)	NOs	40				
1.19	558-0110946-00-C	COVE LIGHT - LED	NOs	100				
2		Switch boxes for individual control of circuits (Switchboards consisting of switch boxes, switches, switch plates and fixing accessories.)						
2.1	558-0110132-00-C	SWITCH BOXES TYPE SWB1	NOs	55				
2.2	558-0110133-00-C	SWITCH BOXES TYPE SWB2	NOs	95				
2.3	558-0110134-00-C	SWITCH BOXES TYPE SWB3	NOs	15				
2.4	558-0110250-00-C	SWITCH BOX TYPE SWB4	NOs	96				

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Sr.No	Item Code	Description	UOM	Quantity	Unit Ex-works Price (Rs.)	Total Ex-works Price (Rs.)	GST@18% on Total Exworks (Rs.)	Total FOR Site Price (Rs.)
2.5	558-0110251-00-C	SWITCH BOX TYPE SWB5	NOs	20				
3		Junction boxes						
3.1	558-0110038-00-C	JUNCTION BOXES TYPE JB-F	NOs	18840				
3.2	558-0110039-00-C	JUNCTION BOXES TYPE JB-FE	NOs	375				
4		Receptacles						
4.1	558-0110121-00-C	RECEPTACLES TYPE RA	NOs	630				
4.2	558-0110122-00-C	RECEPTACLES TYPE RA (FLAME PROOF)	NOs	4				
4.3	558-0110123-00-C	RECEPTACLES TYPE RB	NOs	525				
4.4	558-0110124-00-C	RECEPTACLES TYPE RC	NOs	310				
4.5	558-0110249-00-C	RECEPTACLES TYPE-RC (FLAME PROOF)	NOs	3				
5		Fans						
5.1	558-0110014-00-C	CEILING FANS 1200 MM SWEEP	NOs	10				
6		Emergency lighting Units						
6.1	558-0110024-00-C	EMERGENCY LIGHTING UNIT	NOs	24				
7		24V Supply module & lamp unit complete with all accessories						
7.1	558-0110263-00-C	5A,24V SOCKET & LAMP	NOs	65				
8	558-0110025-00-C	EXIT SIGN	NOs	90				
9	558-0110325-00-C	Occupancy sensor	NOs	50				
10	558-0110254-00-C	LIGHTING DIMMER SYSTEM	NOs	1				
11	558-0110963-00-C	FLEXIBLE CONDUIT	Mtr	28800				
12		GI wire & Flat (Supply : Free issue by BHEL. Bidder to quote only Erection & Commissioning charges)						
12.1	558-0110034-00-C	GI WIRE 14 SWG WIRE	Mtr	340900				
12.2	558-0110005-00-C	25X3 MM GI FLAT	Mtr	3500				
12.3	558-0110008-00-C	50X6 MM GI FLAT	Mtr	2000				

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Sr.No	Item Code	Description	UOM	Quantity	Unit Ex-works Price (Rs.)	Total Ex-works Price (Rs.)	GST@18% on Total Exworks (Rs.)	Total FOR Site Price (Rs.)
13		MS ROD (Supply : Free issue by BHEL. Bidder to quote only Erection & Commissioning charges)						
13.1	558-0110007-00-C	40 MM DIA MS ROD	Mtr	1530				
14		Hume pipe (Supply : Free issue by BHEL. Bidder to quote only Erection & Commissioning charges)						
14.1	558-0110037-00-C	HUME PIPE 100 MM DIA	Mtr	500				
15		LIGHTING DISTRIBUTION BOARD (LDB) & WELDING DISTRIBUTION BOARD (WDB)						
15.1	558-0110944-00-C	AC LDB TYPE-H(O/G 12)-WITH TWO INCOMER (WITH MECHANICAL INTERLOCK)	NOs	3				
15.2	558-0110301-00-C	AC LDB Type H2(12) - WITH ONE INCOMER - LDB H2 (12)	NOs	17				
15.3	558-0110941-00-C	AC LDB TYPE-H(O/G 8)-WITH TWO INCOMER (WITH MECHANICAL INTERLOCK)	NOs	5				
15.4	558-0110010-00-C	AC LDB TYPE -F (8) WITH ONE INCOMER	NOs	2				
15.5	558-0110013-00-C	AC WDB TYPE -H (12)	NOs	8				
15.6	558-0110136-00-C	TRANSFORMER 100 KVA	NOs	31				
15.7	558-0110139-00-C	TRANSFORMER 50 KVA	NOs	12				
15.8	558-0110018-00-C	DC LDB TYPE-D (12)	NOs	6				
16		Lighting Panels (LP)						
16.1	558-0110075-00-C	LIGHTING PANEL INDOOR TYPE-LP-A (18)	NOs	19				
16.2	558-0110080-00-C	LIGHTING PANEL OUTDOOR TYPE-LP-A (18)	NOs	58				
16.3	558-0110072-00-C	LIGHTING PANEL (DECORATIVE) TYPE-A (12)	NOs	27				
16.4	558-0110074-00-C	LIGHTING PANEL INDOOR TYPE- LP-A (12)	NOs	69				
16.5	558-0110077-00-C	LIGHTING PANEL OUTDOOR TYPE- LP-A (12)	NOs	54				
16.6	558-0110150-00-C	LIGHTING PANEL INDOOR TYPE LP-D (6)	NOs	21				
16.7	558-0110079-00-C	LIGHTING PANEL OUTDOOR TYPE LP-D (6)	NOs	19				
16.8	558-0110082-00-C	LIGHTING PANEL STREET TYPE LP-S (6)	NOs	11				

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Sr.No	Item Code	Description	UOM	Quantity	Unit Ex-works Price (Rs.)	Total Ex-works Price (Rs.)	GST@18% on Total Exworks (Rs.)	Total FOR Site Price (Rs.)
16.9	558-0110248-00-C	LP OUT DOOR TYPE LP-E(24) WITH 3 KVA TRF	NOs	38				
17		POLES [Octagonal POLES, GALVANISED]						
17.1	558-0110115-00-C	POLES TYPE PF1	NOs	10				
17.2	558-0110116-00-C	POLES TYPE PF2	NOs	10				
17.3	558-0110117-00-C	POLES TYPE PS1	NOs	400				
17.4	558-0110118-00-C	POLES TYPE PS2	NOs	90				
18		PVC Wires (Wire Supply : Free issue by BHEL. Bidder to quote only Erection & Commissioning charges)						
18.1	558-0110143-00-C	WIRES 1X1.5 MM2 CU PVC	Mtr	969700				
18.2	558-0110146-00-C	WIRES 1X4.0 MM2 CU PVC	Mtr	81200				
19		Hot dip Galvanised Rigid Steel Conduits (Heavy Duty) (Conduit Supply : Free issue by BHEL. Bidder to quote only Erection & Commissioning charges)						
19.1	558-0110030-00-C	GI CONDUITS,1.6MM THICK, 20MM DIA	Mtr	300000				
19.2	558-0110031-00-C	GI CONDUITS,1.6MM THICK, 25MM DIA	Mtr	37000				
19.3	558-0110032-00-C	GI CONDUITS,2.0MM THICK, 40MM DIA	Mtr	34200				
19.4	558-0110149-00-C	GI CONDUITS 1.6MM THK EPOXY 20MM DIA	Mtr	4600				
20		Laying & Termination of Cables (Cable Supply : Free issue by BHEL. Bidder to quote only Erection & Commissioning charges)						
20.1	558-0110960-00-C	3C X 185 MM2 XLPE AL (A) (LAID ON TRAY)	Mtr	2000				
20.2	558-0110961-00-C	3C X 95 MM2 XLPE AL (A) (LAID ON TRAY)	Mtr	800				
20.3	558-0110955-00-C	2C X 95 MM2 XLPE AL (A) (LAID ON TRAY)	Mtr	400				
20.4	558-0110175-00-C	3.5C-95 AL ARM (LAID ON TRAY)	Mtr	29000				
20.5	558-0110173-00-C	3.5C-50 AL ARM (LAID ON TRAY)	Mtr	17000				
20.6	558-0110280-00-C	2C-50 AL ARM (LAID ON TRAY)	Mtr	7500				
20.7	558-0110207-00-C	3C-2.5 CU ARM	Mtr	5000				

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21		Laying & Termination of Armoured Cable to be buried underground (Cable Supply : Free issue by BHEL. Bidder to quote only Erection & Commissioning charges)						
21.1	558-0110189-00-C	3.5C-25 AL ARM (LAID UNDER GROUND)	Mtr	11500				

NOTES

1	Erection & commissioning materials for E&C of main supply items and free issue items (like PVC wires, Rigid steel consults, cables, Earthing flats, Earthing rod, 14 SWG GI Wire etc.) such as double compression cable glands, conduit fittings viz. couplers, elbows, bends, tees, circular boxes, inspection bend etc. conduit accessories viz. clips, saddles, spacing plates, entry bushes, lock nuts, check nut, plugs, heavy duty lugs, ferrules, expansion fasteners, covers for power outlets in wash rooms and showers, ball & sockets, earth clips, fan boxes, clamps, screws, ceiling rose, casing and capings, adapter gland set, reducer, U bolt with nut washer, csk nut bolt, M / H Hook with rawl plug, Nail clamp for 3Cx2.5 Sq. mm CU LT XLPE Cable, Electrical tape etc. and accessories including commissioning & operational spares up to system handing over to CUSTOMER has to be worked out for complete and successful erection & commissioning of the total supply and free issue material as per BOQ. The price to be quoted for MAIN SUPPLY at S.No.14 accordingly. This erection & commissioning material shall be released in 5 parts (lots) based on lot released for main supply items.
2	Erection & commissioning materials for equipments and fittings under bidder scope of supply is in bidder's scope, Erection & commissioning materials for free issue material (like GI wire & Flat, MS Rod, Hume Pipe, PVC Wire, Hot dip Galvanised Rigid Steel Conduits, Cable and buried underground cable as listed at S.No. 12,13,14,18,19,20 and 21 of Unpriced Schedule for Erection and Commissioning Schedule respectively) is also in bidder's scope, Accordingly, Erection & commissioning of all equipments and fittings under "MAIN SUPPLY" & "ERECTION and COMMISSIONING (INSTALLATION)" is in bidder's scope.
3	Rigid Steel Conduits, PVC Wires, GI wire, GI Flat, MS Rod, Hume Pipe and Cables shall be supplied by BHEL and issued free of cost. a. All erection & commissioning material and consumables for above shall be supplied by bidder. Cost for the same is deemed to be included in MAIN SUPPLY at S.No.14 accordingly. b. Fabrication charges of J-Pole shall be included in erection & commissioning prices of conduit, no separate charges shall be payable for the same.
4	Fabrication & painting charges of structural steel shall be part of erection charges fo those equipment for which the same is being used.

Project Name: 2 X 800 MW KODERMA TPS, PHASE - II

Package Name : STATION LIGHTING SYSTEM

NIT no. 77/26/6074/SHA, dated 25.06.26

BOQ CUM UNPRICED SCHEDULE (E&C)-Bidders to mention "Quoted" in respective coloumn

Sr.No	Item Code	Description	UOM	Quantity	Unit Ex-works Price (Rs.)	Total Ex-works Price (Rs.)	GST@18% on Total Exworks (Rs.)	Total FOR Site Price (Rs.)
5		All measuring and testing instruments required during erection, testing, commissioning and performance testing shall be arranged by the bidder and taken back.						
6		Installation of lamp shall be part of E&C of respective fixture. The E&C price of fixtures to be quoted accordingly.						
7		Lighting shall be Energy conservation building code (ECBC) compliant, bidder to include E&C of all items (like lighting fixture, lighting lamp, lighting panel, switch boxes, sensors, automatic control system) required fo the same and furnish detailed BOQ along with the bid.						

Project Name: 2 X 800 MW KODERMA TPS, PHASE - II

Package Name : STATION LIGHTING SYSTEM

NIT no. 77/26/6074/SHA, dated 25.06.26

BOQ CUM UNPRICED SCHEDULE (MANDATORY SPARES) -Bidders to mention "Quoted" in respective coloumn

Sr.No	Item Code	Description	Uom	Quantity	Unit Ex-works Price (Rs.)	Total Ex-works Price (Rs.)	Freight@.... on Total Exworks (Rs.)	Total Exworks + Freight (Rs.)	GST@18% on Total Exworks + Freight (Rs.)	Total FOR Site Price (Rs.)
1		Lighting Luminaires (complete with accessories)								
1.1	558-0110284-00-B	MS-LUMINAIRES TYPE FC06 (LED)	NOs	49						
1.2	558-0110950-00-B	MS-LUMINAIRES TYPE FC07(LED)	NOs	12						
1.3	558-0110309-00-B	MS-LUMINAIRES TYPE FC30(LED)	NOs	28						
1.4	558-0110328-00-B	MS-LUMINAIRES TYPE FC33(LED)	NOs	5						
1.5	558-0110939-00-B	MS-LUMINAIRES TYPE FC34(LED)	NOs	11						
1.6	558-0110286-00-B	MS-LUMINAIRES TYPE FC81(LED)	NOs	8						
1.7	558-0110313-00-B	MS-LUMINAIRES TYPE SB11(LED)	NOs	4						
1.8	558-0110314-00-B	MS-LUMINAIRES TYPE SB02(LED)	NOs	13						
1.9	558-0110315-00-B	MS-LUMINAIRES TYPE SB03(LED)	NOs	4						
1.1	558-0110311-00-B	MS-LUMINAIRES TYPE SF63(LED)	NOs	2						
1.11	558-0110949-00-B	MS-LUMINAIRES TYPE SF64 (LED)	NOs	2						
1.12	558-0110288-00-B	MS-LUMINAIRES TYPE SS62(LED)	NOs	15						
1.13	558-0110289-00-B	MS-LUMINAIRES TYPE SS63(LED)	NOs	3						
1.14	558-0110319-00-B	MS-LUMINAIRES TYPE SW41(LED)	NOs	182						
1.15	558-0110320-00-B	MS-LUMINAIRES TYPE SW42(LED)	NOs	33						
1.16	558-0110940-00-B	MS-LUMINAIRES TYPE MW96(LED)	NOs	7						
1.17	558-0110948-00-B	MS-LUMINAIRE DOWNLIGHTER (LED)	NOs	13						
1.18	558-0110947-00-B	MS-LUMINAIRE DIMMABLE DOWNLIGHTER (LED)	NOs	2						
1.19	558-0110946-00-B	MS-COVE LIGHT - LED (5M STRIP)	NOs	2						
2		LIGHTING PANELS								
2.1	558-0110951-00-B	MS-TIMERS 24 HOURS	NOs	3						
2.2	558-0110952-00-B	MS-POWER CONTACTORS	NOs	5						
2.3	558-0110953-00-B	MS-AUXILIARY CONTACTORS	NOs	5						
2.4	558-0110954-00-B	MS-ROTARY SWITCHES	NOs	5						
2.5	558-0110955-00-B	MS-INDICATING LAMPS & HOLDERS	NOs	20						
2.6	558-0110956-00-B	MS-ON / OFF ISOLATORS	NOs	5						
2.7	558-0110957-00-B	MS-MCCBS	NOs	5						
2.8	558-0110958-00-B	MS-MCB	NOs	10						

Project Name: 2 X 800 MW KODERMA TPS, PHASE - II

Package Name : STATION LIGHTING SYSTEM

NIT no. 77/26/6074/SHA, dated 25.06.26

BOQ CUM UNPRICED SCHEDULE (MANDATORY SPARES) -Bidders to mention "Quoted" in respective coloumn

Sr.No	Item Code	Description	Uom	Quantity	Unit Ex-works Price (Rs.)	Total Ex-works Price (Rs.)	Freight@.... on Total Exworks (Rs.)	Total Exworks + Freight (Rs.)	GST@18% on Total Exworks + Freight (Rs.)	Total FOR Site Price (Rs.)
3.0	558-0110121-00-B	MS-RECEPTACLES TYPE RA	NOs	10						
4.0		LIGHTING JB								
29	558-0110038-00-B	MS-JB-F	NOs	25						
30	558-0110039-00-B	MS-JB-FE	NOs	25						
5	558-0110124-00-B	MS-RECEPTACLES TYPE RC	NOs	5						
6	558-0110959-00-B	MS-VOLTMETER	NOs	2						
7	558-0110960-00-B	MS-AMMETER	NOs	2						
NOTES										
1	Unit price of main supply item and Mandatory spares shall be same wherever applicable.									

Project Name:2X660 MW DVC RAGHUNATHPUR PHASE 2 SG ISL

Package Name : STATION LIGHTING SYSTEM

NIT no. 77/26/6074/SHA, dated 25.06.26

BOQ CUM UNPRICED SCHEDULE (MAIN SUPPLY incl. E & C Spares)- Bidders to mention "Quoted" in respective coloumn

Sr.No	Item Code	Description	UOM	Quantity	Unit Ex-works Price (Rs.)	Total Ex-works Price (Rs.)	Freight@.... on Total Exworks (Rs.)	Total Exworks + Freight (Rs.)	GST@18% on Total Exworks + Freight (Rs.)	Total FOR Site Price (Rs.)
1		Lighting Luminaires (complete with accessories)								
1.1	558-0110284-00-A	LUMINAIRES TYPE FC06(LED)	NOs	773						
1.2	558-0110950-00-A	LUMINAIRE TYPE LED FC07 (LED) - DC	NOs	3						
1.3	558-0110309-00-A	LUMINAIRES TYPE FC30(LED)	NOs	173						
1.4	558-0110328-00-A	LUMINAIRES TYPE FC33(LED)	NOs	3						
1.5	558-0110939-00-A	LUMINAIRES TYPE FC34(LED)	NOs	592						
1.6	558-0110286-00-A	LUMINAIRES TYPE FC81(LED)	NOs	17						
1.7	558-0110313-00-A	LUMINAIRES TYPE SB11(LED)	NOs	6						
1.8	558-0110314-00-A	LUMINAIRES TYPE SB02(LED)	NOs	12						
1.9	558-0110315-00-A	LUMINAIRES TYPE SB03(LED)	NOs	8						
1.1	558-0110311-00-A	LUMINAIRES TYPE SF63(LED)	NOs	58						
1.11	558-0110949-00-A	LUMINAIRE TYPE LED SF64 (LED)	NOs	23						
1.12	558-0110288-00-A	LUMINAIRES TYPE SS62(LED)	NOs	420						
1.13	558-0110289-00-A	LUMINAIRES TYPE SS63(LED)	NOs	220						
1.14	558-0110319-00-A	LUMINAIRES TYPE SW41(LED)	NOs	8601						
1.15	558-0110320-00-A	LUMINAIRES TYPE SW42(LED)	NOs	1819						
1.16	558-0110940-00-A	LUMINAIRES TYPE MW96(LED)	NOs	63						
2		Switch boxes for individual control of circuits (Switchboards consisting of switch boxes, switches, switch plates and fixing accessories.)								
2.1	558-0110132-00-A	SWITCH BOXES TYPE SWB1	NOs	16						
2.2	558-0110133-00-A	SWITCH BOXES TYPE SWB2	NOs	17						
2.3	558-0110134-00-A	SWITCH BOXES TYPE SWB3	NOs	6						
3		Junction boxes								
3.1	558-0110038-00-A	JUNCTION BOXES TYPE JB-F	NOs	12706						
3.2	558-0110039-00-A	JUNCTION BOXES TYPE JB-FE	NOs	17						
4		Receptacles								
4.1	558-0110121-00-A	RECEPTACLES TYPE RA	NOs	287						
4.2	558-0110122-00-A	RECEPTACLES TYPE RA (FLAME PROOF)	NOs	8						
4.3	558-0110123-00-A	RECEPTACLES TYPE RB	NOs	45						
4.4	558-0110124-00-A	RECEPTACLES TYPE RC	NOs	268						
4.5	558-0110249-00-A	RECEPTACLES TYPE-RC (FLAME PROOF)	NOs	4						
5		Fans								
5.1	558-0110170-00-A	PEDESTAL FAN	NOs	3						

Project Name:2X660 MW DVC RAGHUNATHPUR PHASE 2 SG ISL

Package Name : STATION LIGHTING SYSTEM

NIT no. 77/26/6074/SHA, dated 25.06.26

BOQ CUM UNPRICED SCHEDULE (MAIN SUPPLY incl. E & C Spares)- Bidders to mention "Quoted" in respective coloumn

Sr.No	Item Code	Description	UOM	Quantity	Unit Ex-works Price (Rs.)	Total Ex-works Price (Rs.)	Freight@.... on Total Exworks (Rs.)	Total Exworks + Freight (Rs.)	GST@18% on Total Exworks + Freight (Rs.)	Total FOR Site Price (Rs.)
5.2	558-0110014-00-A	CEILING FANS 1200 MM SWEEP	NOs	5						
6		Emergency lighting Units								
6.1	558-0110024-00-A	EMERGENCY LIGHTING UNIT	NOs	7						
7		24V Supply module & lamp unit complete with all accessories								
7.1	558-0110002-00-A	24V SUPPLY MODULE & LAMP UNIT FIX TYPE	NOs	33						
7.2	558-0110003-00-A	24V SUPPLY MODULE & LAMP UNIT PORTABLE	NOs	7						
7.3	558-0110263-00-A	5A,24V SOCKET & LAMP	NOs	198						
7.4	558-0110120-00-A	PORTABLE HALOGEN LAMP UNIT	NOs	16						
8	558-0110025-00-A	EXIT SIGN	NOs	12						
9	558-0110325-00-A	Occupancy sensor	NOs	11						
10	558-0110962-00-A	FLEXIBLE CONDUIT	Mtr	15819						
11		Ladder								
11.1	558-0110028-00-A	FREE STANDING LADDER	NOs	3						
11.2	558-0110256-00-A	STEP LADDER-SL2	NOs	3						
12	558-0110127-00-A	STRUCTURAL STEEL	MTON	40						
13	558-0110262-00-A	ERECTION MATERIAL & CONSUMABLES	LOTS	1						
14		LIGHTING DISTRIBUTION BOARD (LDB) & WELDING DISTRIBUTION BOARD (WDB)								
14.1	558-0110944-00-A	AC LDB TYPE-H(O/G 12)-WITH TWO INCOMER	NOs	12						
14.2	558-0110136-00-A	TRANSFORMER 100 KVA	NOs	32						
14.3	558-0110941-00-A	AC LDB TYPE-H(O/G 8)-WITH TWO INCOMER	NOs	4						
14.4	558-0110139-00-A	TRANSFORMER 50 KVA	NOs	8						
14.5	558-0110013-00-A	AC WDB TYPE -H (12)	NOs	8						
14.6	558-0110018-00-A	DC LDB TYPE-D (12)	NOs	2						
15		LIGHTING PANELS (LP)								
15.1	558-0110943-00-A	LIGHTING PANEL (DECORATIVE) TYPE-A (18)	NOs	2						
15.2	558-0110075-00-A	LIGHTING PANEL INDOOR TYPE-LP-A (18)	NOs	2						
15.3	558-0110080-00-A	LIGHTING PANEL OUTDOOR TYPE-LP-A (18)	NOs	50						
15.4	558-0110072-00-A	LIGHTING PANEL (DECORATIVE) TYPE-A (12)	NOs	2						
15.5	558-0110074-00-A	LIGHTING PANEL INDOOR TYPE- LP-A (12)	NOs	6						
15.6	558-0110077-00-A	LIGHTING PANEL OUTDOOR TYPE- LP-A (12)	NOs	45						
15.7	558-0110150-00-A	LIGHTING PANEL INDOOR TYPE LP-D (6)	NOs	2						
15.8	558-0110079-00-A	LIGHTING PANEL OUTDOOR TYPE LP-D (6)	NOs	14						

Project Name:2X660 MW DVC RAGHUNATHPUR PHASE 2 SG ISL

Package Name : STATION LIGHTING SYSTEM

NIT no.77/26/6074/SHA, dated 25.06.26

BOQ CUM UNPRICED SCHEDULE (MAIN SUPPLY incl. E & C Spares)- Bidders to mention "Quoted" in respective coloumn

Sr.No	Item Code	Description	UOM	Quantity	Unit Ex-works Price (Rs.)	Total Ex-works Price (Rs.)	Freight@.... on Total Exworks (Rs.)	Total Exworks + Freight (Rs.)	GST@18% on Total Exworks + Freight (Rs.)	Total FOR Site Price (Rs.)
15.9	558-0110082-00-A	LIGHTING PANEL STREET TYPE LP-S (6)	NOs	7						
15.10	558-0110248-00-A	LP OUT DOOR TYPE LP-E(24) WITH 3 KVA TRF	NOs	14						
16		POLES [Octagonal POLES, GALVANISED]								
16.1	558-0110117-00-A	POLES TYPE PS1	NOs	20						
16.2	558-0110118-00-A	POLES TYPE PS2	NOs	40						
16.3	558-0110115-00-A	POLES TYPE PF1	NOs	5						
16.4	558-0110116-00-A	POLES TYPE PF2	NOs	5						
17		Lighting Driver (complete with accessories)								
17.1	558-0110964-00-A	DRIVER - LUMINAIRES TYPE FC06 (LED)	NOs	10						
17.2	558-0110965-00-A	DRIVER - LUMINAIRES TYPE FC07 (LED)	NOs	10						
17.3	558-0110973-00-A	DRIVER - LUMINAIRES TYPE FC30 (LED)	NOs	10						
17.4	558-0110966-00-A	DRIVER - LUMINAIRES TYPE FC33 (LED)	NOs	10						
17.5	558-0110967-00-A	DRIVER - LUMINAIRES TYPE FC34 (LED)	NOs	10						
17.6	558-0110980-00-A	DRIVER - LUMINAIRES TYPE FC81 (LED)	NOs	10						
17.7	558-0110977-00-A	DRIVER - LUMINAIRES TYPE SB11 (LED)	NOs	10						
17.8	558-0110969-00-A	DRIVER - LUMINAIRES TYPE SB02 (LED)	NOs	10						
17.9	558-0110970-00-A	DRIVER - LUMINAIRES TYPE SB03 (LED)	NOs	10						
17.10	558-0110968-00-A	DRIVER - LUMINAIRES TYPE SF63 (LED)	NOs	10						
17.11	558-0110974-00-A	DRIVER - LUMINAIRES TYPE SF64 (LED)	NOs	10						
17.12	558-0110978-00-A	DRIVER - LUMINAIRES TYPE SS62 (LED)	NOs	10						
17.13	558-0110979-00-A	DRIVER - LUMINAIRES TYPE SS63 (LED)	NOs	10						
17.14	558-0110976-00-A	DRIVER - LUMINAIRES TYPE SW41 (LED)	NOs	10						
17.15	558-0110971-00-A	DRIVER - LUMINAIRES TYPE SW42 (LED)	NOs	10						
17.16	558-0110972-00-A	DRIVER - LUMINAIRES TYPE MW96 (LED)	NOs	10						

Notes

- Erection & commissioning materials (such as double compression cable glands, conduit fittings viz. couplers, elbows, bends, tees, circular boxes, inspection bend etc. conduit accessories viz. clips, saddles, spacing plates, entry bushes, lock nuts, check nut, plugs, heavy duty lugs, ferrules, expansion fasteners, covers for power outlets in wash rooms and showers, ball & sockets, earth clips, fan boxes, clamps, screws, ceiling rose, casing and capings, adapter gland set, reducer, U bolt with nut washer, csk nut bolt, M / H Hook with rawl plug, Nail clamp for 3Cx2.5 Sq. mm CU LT XLPE Cable, Electrical tape etc.) and accessories including commissioning & operational spares up to system handing over to NTPC has to be worked out for complete and successful erection & commissioning of the total supply and free issue material as per BOQ. The price to be quoted for MAIN SUPPLY at S.No.13 accordingly.

Bidder to furnish detailed itemwise breakup of quantity (for all equipments and fittings under "MAIN SUPPLY" & "ERECTION and COMMISSIONING (INSTALLATION)) and unit prices for Erection & commissioning materials as separate Annexure before placement of PO.

Project Name:2X660 MW DVC RAGHUNATHPUR PHASE 2 SG ISL

Package Name : STATION LIGHTING SYSTEM

NIT no. 77/26/6074/SHA, dated 25.06.26

BOQ CUM UNPRICED SCHEDULE (MAIN SUPPLY incl. E & C Spares)- Bidders to mention "Quoted" in respective coloumn

Sr.No	Item Code	Description	UOM	Quantity	Unit Ex-works Price (Rs.)	Total Ex-works Price (Rs.)	Freight@.... on Total Exworks (Rs.)	Total Exworks + Freight (Rs.)	GST@18% on Total Exworks + Freight (Rs.)	Total FOR Site Price (Rs.)
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- 2 Erection & commissioning materials for equipments and fittings under bidder scope of supply is in bidder's scope, Erection & commissioning materials for free issue material (like GI wire & Flat, MS Rod, Hume Pipe, PVC Wire, Hot dip Galvanised Rigid Steel Conduits, Cable and buried underground cable as listed at S.No. 11,12,13,17,18,19 and 20 of Unpriced Schedule for Erection and Commissioning Schedule respectively) is also in bidder's scope, Accordingly, Erection & commissioning of all equipments and fittings under "MAIN SUPPLY" & "ERECTION and COMMISSIONING (INSTALLATION)" is in bidder's scope.
- 3 Container as per Specification are to be supplied along with first supplies. The price of container is deemed to be included in package price.
- 4 The material shall be supplied in LOTS. LOTS shall be released progressively based on approved conduit layout of different areas and project requirement.
- 5 Lighting system design charges are deemed to be included in the price of above items. No separate charges for design activity will be payable.
- 6 Type Tests charges are deemed to be included in the price of above items. No separate charges for type testing will be payable.
- 7 During supply of material, container numbers shall be verified with receipted LR for making payment along with Engineering concurrence.
- 8 PVC shall be applicable for Distribution Boards, Lighting panels, Lighting & Welding transformers and Lighting Poles .
- 9 BOQ of main supply items is inclusive of BOQ of E&C spares
- 10 E&C spares shall be released in consultation with site during erection and commissioning.

Project Name:2X660 MW DVC RAGHUNATHPUR PHASE 2 SG ISL

Package Name : STATION LIGHTING SYSTEM

NIT no. 77/26/6074/SHA, dated 25.06.26

BOQ CUM UNPRICED SCHEDULE (E&C) -Bidders to mention "Quoted" in respective coloumn

Sr.No	Item Code	Description	Uom	Quantity	Unit Ex-works Price (Rs.)	Total Ex-works Price (Rs.)	GST@18% on Total Exworks (Rs.)	Total FOR Site Price (Rs.)
1		Lighting Luminaires (complete with accessories)						
1.1	558-0110284-00-C	LUMINAIRES TYPE FC06(LED)	NOs	736				
1.2	558-0110950-00-C	LUMINAIRE TYPE LED FC07 (LED) - DC	NOs	2				
1.3	558-0110309-00-C	LUMINAIRES TYPE FC30(LED)	NOs	165				
1.4	558-0110328-00-C	LUMINAIRES TYPE FC33(LED)	NOs	2				
1.5	558-0110939-00-C	Luminaire Type LED FC34 (LED)	NOs	564				
1.6	558-0110286-00-C	LUMINAIRES TYPE FC81(LED)	NOs	16				
1.7	558-0110313-00-C	LUMINAIRES TYPE SB11(LED)	NOs	5				
1.8	558-0110314-00-C	LUMINAIRES TYPE SB02(LED)	NOs	11				
1.9	558-0110315-00-C	LUMINAIRES TYPE SB03(LED)	NOs	7				
1.1	558-0110311-00-C	LUMINAIRES TYPE SF63(LED)	NOs	55				
1.11	558-0110949-00-C	LUMINAIRE TYPE LED SF64 (LED)	NOs	22				
1.12	558-0110288-00-C	LUMINAIRES TYPE SS62(LED)	NOs	400				
1.13	558-0110289-00-C	LUMINAIRES TYPE SS63(LED)	NOs	209				
1.14	558-0110319-00-C	LUMINAIRES TYPE SW41(LED)	NOs	8191				
1.15	558-0110320-00-C	LUMINAIRES TYPE SW42(LED)	NOs	1732				
1.16	558-0110940-00-C	LUMINAIRES TYPE MW96(LED)	NOs	60				
2		Switch boxes for individual control of circuits (Switchboards consisting of switch boxes, switches, switch plates and fixing accessories.)						
2.1	558-0110132-00-C	SWITCH BOXES TYPE SWB1	NOs	15				
2.2	558-0110133-00-C	SWITCH BOXES TYPE SWB2	NOs	16				
2.3	558-0110134-00-C	SWITCH BOXES TYPE SWB3	NOs	5				
3		Junction boxes						
3.1	558-0110038-00-C	JUNCTION BOXES TYPE JB-F	NOs	12101				
3.2	558-0110039-00-C	JUNCTION BOXES TYPE JB-FE	NOs	16				
4		Receptacles						
4.1	558-0110121-00-C	RECEPTACLES TYPE RA	NOs	273				
4.2	558-0110122-00-C	RECEPTACLES TYPE RA (FLAME PROOF)	NOs	7				
4.3	558-0110123-00-C	RECEPTACLES TYPE RB	NOs	43				
4.4	558-0110124-00-C	RECEPTACLES TYPE RC	NOs	255				
4.5	558-0110249-00-C	RECEPTACLES TYPE-RC (FLAME PROOF)	NOs	3				
5		Fans						
5.1	558-0110014-00-C	CEILING FANS 1200 MM SWEEP	NOs	5				
6		Emergency lighting Units						
6.1	558-0110024-00-C	EMERGENCY LIGHTING UNIT	NOs	7				
7		24V Supply module & lamp unit complete with all accessories						

Project Name:2X660 MW DVC RAGHUNATHPUR PHASE 2 SG ISL

Package Name : STATION LIGHTING SYSTEM

NIT no. 77/26/6074/SHA, dated 25.06.26

BOQ CUM UNPRICED SCHEDULE (E&C) -Bidders to mention "Quoted" in respective coloumn

Sr.No	Item Code	Description	Uom	Quantity	Unit Ex-works Price (Rs.)	Total Ex-works Price (Rs.)	GST@18% on Total Exworks (Rs.)	Total FOR Site Price (Rs.)
7.1	558-0110002-00-C	24V SUPPLY MODULE & LAMP UNIT FIX TYPE	NOs	33				
7.2	558-0110263-00-C	5A,24V SOCKET & LAMP	NOs	198				
8	558-0110025-00-C	EXIT SIGN	NOs	12				
9	558-0110325-00-C	Occupancy sensor	NOs	11				
10	558-0110963-00-C	FLEXIBLE CONDUIT	Mtr	15819				
11		GI wire & Flat (Supply : Free issue by BHEL. Bidder to quote only Erection & Commissioning charges)						
11.1	558-0110034-00-C	GI WIRE 14 SWG WIRE	Mtr	375000				
11.2	558-0110005-00-C	25X3 MM GI FLAT	Mtr	1000				
11.3	558-0110008-00-C	50X6 MM GI FLAT	Mtr	1700				
12		MS ROD (Supply : Free issue by BHEL. Bidder to quote only Erection & Commissioning charges)						
12.1	558-0110007-00-C	40 MM DIA MS ROD	Mtr	231				
13		Hume pipe (Supply : Free issue by BHEL. Bidder to quote only Erection & Commissioning charges)						
13.1	558-0110037-00-C	HUME PIPE 100 MM DIA	Mtr	350				
14		LIGHTING DISTRIBUTION BOARD (LDB) & WELDING DISTRIBUTION BOARD (WDB)						
14.1	558-0110944-00-C	AC LDB TYPE-H(O/G 12)-WITH TWO INCOMER	NOs	12				
14.2	558-0110136-00-C	TRANSFORMER 100 KVA	NOs	32				
14.3	558-0110941-00-C	AC LDB TYPE-H(O/G 8)-WITH TWO INCOMER	NOs	4				
14.4	558-0110139-00-C	TRANSFORMER 50 KVA	NOs	8				
14.5	558-0110013-00-C	AC WDB TYPE -H (12)	NOs	8				
14.6	558-0110018-00-C	DC LDB TYPE-D (12)	NOs	2				
15		Lighting Panels (LP)						
15.1	558-0110943-00-C	LIGHTING PANEL (DECORATIVE) TYPE-A (18)	NOs	2				
15.2	558-0110075-00-C	LIGHTING PANEL INDOOR TYPE-LP-A (18)	NOs	2				
15.3	558-0110080-00-C	LIGHTING PANEL OUTDOOR TYPE-LP-A (18)	NOs	50				
15.4	558-0110072-00-C	LIGHTING PANEL (DECORATIVE) TYPE-A (12)	NOs	2				
15.5	558-0110074-00-C	LIGHTING PANEL INDOOR TYPE- LP-A (12)	NOs	6				
15.6	558-0110077-00-C	LIGHTING PANEL OUTDOOR TYPE- LP-A (12)	NOs	45				
15.7	558-0110150-00-C	LIGHTING PANEL INDOOR TYPE LP-D (6)	NOs	2				
15.8	558-0110079-00-C	LIGHTING PANEL OUTDOOR TYPE LP-D (6)	NOs	14				
15.9	558-0110082-00-C	LIGHTING PANEL STREET TYPE LP-S (6)	NOs	7				
15.10	558-0110248-00-C	LP OUT DOOR TYPE LP-E(24) WITH 3 KVA TRF	NOs	14				

Project Name:2X660 MW DVC RAGHUNATHPUR PHASE 2 SG ISL

Package Name : STATION LIGHTING SYSTEM

NIT no. 77/26/6074/SHA, dated 25.06.26

BOQ CUM UNPRICED SCHEDULE (E&C) -Bidders to mention "Quoted" in respective coloumn

Sr.No	Item Code	Description	Uom	Quantity	Unit Ex-works Price (Rs.)	Total Ex-works Price (Rs.)	GST@18% on Total Exworks (Rs.)	Total FOR Site Price (Rs.)
16		POLES [Octagonal POLES, GALVANISED]						
16.1	558-0110117-00-C	POLES TYPE PS1	NOs	20				
16.2	558-0110118-00-C	POLES TYPE PS2	NOs	40				
16.3	558-0110115-00-C	POLES TYPE PF1	NOs	5				
16.4	558-0110116-00-C	POLES TYPE PF2	NOs	5				
17		PVC Wires (Wire Supply : Free issue by BHEL. Bidder to quote only Erection & Commissioning charges)						
17.1	558-0110143-00-C	WIRES 1X1.5 MM2 CU PVC	Mtr	660000				
17.2	558-0110146-00-C	WIRES 1X4.0 MM2 CU PVC	Mtr	80000				
18		Hot dip Galvanised Rigid Steel Conduits (Heavy Duty) (Conduit Supply : Free issue by BHEL. Bidder to quote only Erection & Commissioning charges)						
18.1	558-0110030-00-C	GI CONDUITS,1.6MM THICK, 20MM DIA	Mtr	252600				
18.2	558-0110031-00-C	GI CONDUITS,1.6MM THICK, 25MM DIA	Mtr	29000				
18.3	558-0110149-00-C	GI CONDUITS 1.6MM THK EPOXY 20MM DIA	Mtr	100				
18.4	558-0110032-00-C	GI CONDUITS,2.0MM THICK, 40MM DIA	Mtr	22500				
19		Laying & Termination of Cables (Cable Supply : Free issue by BHEL. Bidder to quote only Erection & Commissioning charges)						
19.1	558-0110960-00-C	3C X 185 MM2 XLPE AL (A) (LAID ON TRAY)	Mtr	1600				
19.2	558-0110961-00-C	3C X 95 MM2 XLPE AL (A) (LAID ON TRAY)	Mtr	500				
19.3	558-0110955-00-C	2C X 95 MM2 XLPE AL (A) (LAID ON TRAY)	Mtr	100				
19.4	558-0110175-00-C	3.5C-95 AL ARM (LAID ON TRAY)	Mtr	31000				
19.5	558-0110173-00-C	3.5C-50 AL ARM (LAID ON TRAY)	Mtr	11300				
19.6	558-0110280-00-C	2C-50 AL ARM (LAID ON TRAY)	Mtr	2400				
19.7	558-0110956-00-C	3C X 2.5 MM2 XLPE CU (A) (LAID ON TRAY)	Mtr	2000				
20		Laying & Termination of Armoured Cable to be buried underground (Cable Supply : Free issue by BHEL. Bidder to quote only Erection & Commissioning charges)						
20.1	558-0110189-00-C	3.5C-25 AL ARM (LAID UNDER GROUND)	Mtr	1500				
Notes:								

Project Name:2X660 MW DVC RAGHUNATHPUR PHASE 2 SG ISL

Package Name : STATION LIGHTING SYSTEM

NIT no. 77/26/6074/SHA, dated 25.06.26

BOQ CUM UNPRICED SCHEDULE (E&C) -Bidders to mention "Quoted" in respective coloumn

Sr.No	Item Code	Description	Uom	Quantity	Unit Ex-works Price (Rs.)	Total Ex-works Price (Rs.)	GST@18% on Total Exworks (Rs.)	Total FOR Site Price (Rs.)
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- 1** Erection & commissioning materials (such as double compression cable glands, conduit fittings viz. couplers, elbows, bends, tees, circular boxes, inspection bend etc. conduit accessories viz. clips, saddles, spacing plates, entry bushes, lock nuts, check nut, plugs, heavy duty lugs, ferrules, expansion fasteners, covers for power outlets in wash rooms and showers, ball & sockets, earth clips, fan boxes, clamps, screws, ceiling rose, casing and capings, adapter gland set, reducer, U bolt with nut washer, csk nut bolt, M / H Hook with rawl plug, Nail clamp for 3Cx2.5 Sq. mm CU LT XLPE Cable, Electrical tape etc.) and accessories including commissioning & operational spares up to system handing over to NTPC has to be worked out for complete and successful erection & commissioning of the total supply and free issue material as per BOQ. The price to be quoted for MAIN SUPPLY at S.No.13 accordingly.
Bidder to furnish detailed itemwise breakup of quantity (for all equipments and fittings under "MAIN SUPPLY" & "ERECTION and COMMISSIONING (INSTALLATION)) and unit prices for Erection & commissioning materials as separate Annexure before placement of PO.
- 2** Erection & commissioning materials for equipments and fittings under bidder scope of supply is in bidder's scope, Erection & commissioning materials for free issue material (like GI wire & Flat, MS Rod, Hume Pipe, PVC Wire, Hot dip Galvanised Rigid Steel Conduits, Cable and buried underground cable as listed at S.No. 11,12,13,17,18,19 and 20 of Unpriced Schedule for Erection and Commissioning Schedule respectively) is also in bidder's scope, Accordingly, Erection & commissioning of all equipments and fittings under "MAIN SUPPLY" & "ERECTION and COMMISSIONING (INSTALLATION)" is in bidder's scope.
- 3** Rigid Steel Conduits, PVC Wires, GI wire, GI Flat, MS Rod, Hume Pipe and Cables shall be supplied by BHEL and issued free of cost.

 - a. All erection & commissioning material and consumables for above shall be supplied by bidder. Cost for the same is deemed to be included in MAIN SUPPLY at S.No.13 accordingly.
 - b. Fabrication charges of J-Pole shall be included in erection & commissioning prices of conduit, no separate charges shall be payable for the same.
- 4** Fabrication & painting charges of structural steel shall be part of erection charges fo those equipment for which the same is being used.
- 5** All measuring and testing instruments required during erection, testing, commissioning and performance testing shall be arranged by the bidder and taken back.
- 6** Installation of lamp shall be part of E&C of respective fixture. The E&C price of fixtures to be quoted accordingly.
- 7** Lighting shall be Energy conservation building code (ECBC) compliant, bidder to include E&C of all items (like lighting fixture, lighting lamp, lighting panel, switch boxes, sensors, automatic control system) required fo the same and furnish detailed BOQ along with the bid.
- 8** For any clarificatin please refer technical specificaion : PE-TS-528-558-E001

Project Name:2X660 MW DVC RAGHUNATHPUR PHASE 2 SG ISL

Package Name : STATION LIGHTING SYSTEM

NIT no. 77/26/6074/SHA, dated 25.06.26

BOQ CUM UNPRICEDSCHEDULE (MANDATORY SPARES) -Bidders to mention "Quoted" in respective coloumn

Sr.No	Item Code	Description	Uom	Quantity	Unit Ex-works Price (Rs.)	Total Ex-works Price (Rs.)	Freight@.... on Total Exworks (Rs.)	Total Exworks + Freight (Rs.)	GST@18% on Total Exworks + Freight (Rs.)	Total FOR Site Price (Rs.)
1	558-0110284-00-B	MS-LUMINAIRES TYPE FC06 (LED)	NOs	15						
2	558-0110950-00-B	MS-LUMINAIRES TYPE FC07(LED)	NOs	2						
3	558-0110309-00-B	MS-LUMINAIRES TYPE FC30(LED)	NOs	3						
4	558-0110328-00-B	MS-LUMINAIRES TYPE FC33(LED)	NOs	2						
5	558-0110939-00-B	MS-LUMINAIRES TYPE FC34(LED)	NOs	11						
6	558-0110286-00-B	MS-LUMINAIRES TYPE FC81(LED)	NOs	2						
7	558-0110313-00-B	MS-LUMINAIRES TYPE SB11(LED)	NOs	2						
8	558-0110314-00-B	MS-LUMINAIRES TYPE SB02(LED)	NOs	2						
9	558-0110315-00-B	MS-LUMINAIRES TYPE SB03(LED)	NOs	2						
10	558-0110311-00-B	MS-LUMINAIRES TYPE SF63(LED)	NOs	2						
11	558-0110949-00-B	MS-LUMINAIRES TYPE SF64 (LED)	NOs	2						
12	558-0110288-00-B	MS-LUMINAIRES TYPE SS62(LED)	NOs	8						
13	558-0110289-00-B	MS-LUMINAIRES TYPE SS63(LED)	NOs	4						
14	558-0110319-00-B	MS-LUMINAIRES TYPE SW41(LED)	NOs	164						
15	558-0110320-00-B	MS-LUMINAIRES TYPE SW42(LED)	NOs	35						
16	558-0110940-00-B	MS-LUMINAIRES TYPE MW96(LED)	NOs	2						
17	558-0110121-00-B	MS-RECEPTACLES TYPE RA	NOs	10						
18	558-0110124-00-B	MS-RECEPTACLES TYPE RC	NOs	5						

Note 1 Unit price of main supply item and Mandatory spares shall be same wherever applicable.