



Project Group I
Power Sector, Project Engineering Management
Bharat Heavy Electricals Limited
NOIDA

Project	5x800 MW YADADRI TPS
Package	Lighting Fixtures, Lamps & Misc items
Enquiry Ref. No.	PE/PG/YAD/E-6954/2022 dtd. 19.04.2022
Corrigenda Date	27.04.2022
Subject	Technical Corrigenda

Following changes are made in NIT :

Main supply BOQ, Annexure-I of NIT revised with following two changes only :

1. Lot-1 qty. has been deleted.
2. Note 6 has been modified and highlighted in yellow.

Other terms and conditions of NIT shall remain unchanged.

Thanking You.

For and on behalf of BHEL

Saumya Pandey
(Dy. Manager/PG-I/BHEL-PEM)
saumyapandey@bhel.in
Ph. No. +91-120-4213543
758757128

5 X 800 MW TSGENCO YADADRI TPS

MAIN SUPPLY BOQ FOR LIGHTING FIXTURES, LAMPS & MISC. ITEMS

Rev. 01

Item No.	DESCRIPTION	UNIT	QTY.	UNIT PRICE (INR)	TOTAL PRICE (INR)	REMARKS
1.0	Lighting Luminaires (complete with all accessories)					
1.1	Luminaire Type FC06 (LED)	Nos.	5530			
1.2	Luminaire Type FC26 (LED)	Nos.	730			
1.3	Luminaire Type FC30 (LED)	Nos.	1330			
1.4	Luminaire Type FC07	Nos.	1500			
1.5	Luminaire Type FC33	Nos.	400			
1.6	Luminaire Type FC34	Nos.	1200			
1.7	Luminaire Type FC32 (LED)	Nos.	200			
1.8	Luminaire Type FC81 (LED)	Nos.	900			
1.9	Luminaire Type SF63 (LED)	Nos.	300			
1.10	Luminaire Type SF64 (LED)	Nos.	350			
1.11	Luminaire Type SF66 (LED)	Nos.	200			
1.12	Luminaire Type SB11 (LED)	Nos.	500			
1.13	Luminaire Type SB02 (LED)	Nos.	1580			
1.14	Luminaire Type SB03 (LED)	Nos.	520			
1.15	Luminaire Type SS61 (LED)	Nos.	100			
1.16	Luminaire Type SS62 (LED)	Nos.	1500			
1.17	Luminaire Type SS63 (LED)	Nos.	1800			
1.18	Luminaire Type SW41 (LED)	Nos.	20300			
1.19	Luminaire Type SW42 (LED)	Nos.	6080			
1.20	Luminaire Type MW96	Nos.	940			
1.21	LUMINAIRES TYPE DOWNLIGHTER 15-18W(LED)	Nos.	250			
1.22	COVE LIGHT (LED) - 5 MTR STRIP	Nos.	500			
2.0	Driver for LED Luminaires					
2.1	Driver - Luminaire Type FC06 (LED)	Nos.	20			
2.2	Driver - Luminaire Type FC26 (LED)	Nos.	20			
2.3	Driver - Luminaire Type FC30 (LED)	Nos.	20			
2.4	Driver - Luminaire Type FC32 (LED)	Nos.	20			
2.5	Driver - Luminaire Type FC81 (LED)	Nos.	20			
2.6	Driver - Luminaire Type SF63 (LED)	Nos.	200			
2.7	Driver - Luminaire Type SF64 (LED)	Nos.	160			
2.8	Driver - Luminaire Type SF66 (LED)	Nos.	20			
2.9	Driver - Luminaire Type SB11 (LED)	Nos.	160			
2.10	Driver - Luminaire Type SB02 (LED)	Nos.	120			
2.11	Driver - Luminaire Type SB03 (LED)	Nos.	120			
2.12	Driver - Luminaire Type SS61 (LED)	Nos.	300			
2.13	Driver - Luminaire Type SS62 (LED)	Nos.	200			
2.14	Driver - Luminaire Type SS63 (LED)	Nos.	100			
2.15	Driver - Luminaire Type SW41 (LED)	Nos.	200			
2.16	Driver - Luminaire Type SW42 (LED)	Nos.	80			
2.17	Driver - LuminaireS TYPE DOWNLIGHTER 15-18W(LED)	Nos.	20			
3.0	Switch boxes for individual control of circuits					
	Switchboards consisting of switch boxes, switches, switch plates and fixing accessories.					
3.1	Type SWB1	Nos.	400			
3.2	Type SWB2	Nos.	150			
3.3	Type SWB3	Nos.	50			
4.0	Junction boxes					
4.1	Type JB-F	Nos.	42000			
4.2	Type JB-FE	Nos.	900			
4.3	Type JB-S	Nos.	800			
5.0	Receptacles					
5.1	Type RA	Nos.	2500			
5.2	Type RA (Flame proof)	Nos.	50			

5.3	Type RB	Nos.	580			
5.4	Type RC	Nos.	540			
5.5	Type RC (Flame proof)	Nos.	15			
6.0	Ceiling fans with electronic regulators					
6.1	1200 mm sweep	Nos.	20			
6.2	1400 mm sweep	Nos.	40			
6.3	Pedestal Fan	Nos.	20			
7.0	Emergency lighting Units					
7.1	With Ni-Cd battery and 2 X 6 W LED lamp	Nos.	40			
8.0	24V supply module & lamp unit complete with all accessories					
8.1	Fixed type 24V supply modules	Nos.	150			
8.2	Portable type 24V supply modules	Nos.	50			
8.3	Portable halogen lamp unit	Nos.	50			
8.4	5A, 24V industrial type sockets	Nos.	600			
9.0	Ladder					
9.1	Free standing ladder (Adjustable from 5M to 10M)	Nos.	8			
9.2	Wheel mounted ladder	Nos.	2			
10.0	EXIT SIGN	Nos.	40			
11.0	SUPERVISION OF E&C					
11.1	CHARGES PER VISIT	VISIT	10	-	-	REFER NOTE-1, 2, 3 & 4
11.2	MANDAYS CHARGES	DAYS	50	-	-	REFER NOTE-1, 2, 3 & 4
12.0	ERECTION HARDWARES & CONSUMABLES	LOT	1			REFER ANNEXURE-A

NOTES

- 1 FOR SUPERVISION OF E&C 10 (TEN) VISIT AND 50 (FIFTY) MANDAYS TO BE CONSIDERED. THE PRICES SHALL BE INCLUSIVE OF CHARGES OF AIRFARE (TO & FRO), BOARDING, LODGING, VISA, MEDICAL, INSURANCE ETC & EXCLUSIVE OF TAXES.
- 2 AMOUNT PAYABLE PER VISIT = VISIT CHARGES AS PER SL. NO. 11.1 ABOVE (+) UNIT PRICE FOR MANDAYS CHARGES AS PER SL. NO. 11.2 ABOVE (x) NO. OF MANDAYS AT SITE (TO BE CERTIFIED BY BHEL SITE)
- 3 UNIT RATE FOR 11.1 AND 11.2 ARE INR 20000/- AND INR 5000/- RESPECTIVELY AND SAME IS FIRM.
- 4 NOS. OF VISIT FOR SUPERVISION OF E&C MAY CHANGE BASED ON PROJECT REQUIREMENT.
- 5 CONTAINERS 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.
- 6 **THE MATERIAL SHALL BE SUPPLIED IN LOTS. LOTS SHALL BE RELEASED PROGRESSIVELY BASED ON APPROVED GA DRAWINGS / LIGHTING LAYOUT OF DIFFERENT AREAS AND PROJECT REQUIREMENT.**
- 7 LIGHTING SYSTEM DESIGN CHARGES ARE DEEMED TO BE INCLUDED IN THE PRICE OF ABOVE ITEMS. NO SEPARATE CHARGES FOR DESIGN ACTIVITY WILL BE PAYABLE.
- 8 QUANTITY FOR MANDATORY SPARES FROM ABOVE MENTIONED QUANTITY SHALL BE FURNISHED AS SEPARATE LOT.

5 X 800 MW TSGENCO YADADRI TPS

ANNEXURE-A

BOQ OF ERECTION HARDWARES & CONSUMABLES FOR LIGHTING FIXTURES, LAMPS & MISC. ITEMS

Item No.	DESCRIPTION	UNIT	QTY.	UNIT PRICE (INR)	TOTAL PRICE (INR)	REMARKS
	ERECTION HARDWARES & CONSUMABLES					
1.0	Erection Hardwares & Consumables					
1.1	20mm Saddle	Set	4000			1 Set = 100 Pieces
1.2	20mm Spacer	Set	2500			
1.3	20mm Coupler	Set	1000			
1.4	20mm 1 way circular junction box	Nos.	10000			
1.5	20mm 2 way circular junction box	Nos.	20000			
1.6	20mm 3 way circular junction box	Nos.	20000			
1.7	20mm circular box	Nos.	10000			
1.8	20mm inspection bend	Nos.	100000			
1.9	20mm ball & socket	Nos.	40000			
1.10	20mm checknut	Set	400			1 Set = 100 Pieces
1.11	Adaptor gland set for 20mm flexible	Set	1000			
1.12	25mm Saddle	Set	600			1 Set = 100 Pieces
1.13	25mm Spacer	Set	350			
1.14	25mm Coupler	Set	150			
1.15	25mm 1 way circular junction box	Nos.	2000			
1.16	25mm 2 way circular junction box	Nos.	4000			
1.17	25mm 3 way circular junction box	Nos.	4000			
1.18	25mm circular box	Nos.	2500			
1.19	25mm inspection bend	Nos.	15000			
1.20	25mm ball & socket	Nos.	6000			
1.21	25mm checknut	Set	60			1 Set = 100 Pieces
1.22	Adaptor gland set for 25mm flexible	Set	150			
1.23	20mm Epoxy coated Saddle spacer set	Set	50			1 Set = 100 Pieces
1.24	25mm Epoxy coated Saddle spacer set	Set	5			
1.25	40/20 mm reducer	Nos.	5000			
1.26	40mm 90 deg bend	Nos.	2000			
1.27	40mm U Bolt with nut washer	Nos.	1000			
1.28	40 mm Clamp/ Saddle	Nos.	500			
1.29	M4x25 csk nut bolt	Set	1000			1 Set = 100 Pieces
1.30	M / H Hook with rawl plug	Nos.	5000			
1.31	Anchor bolt M10x70	Nos.	10000			
1.32	Screw (Ball & socket on circular box)	Set	4000			1 Set = 100 Pieces
1.33	Machine Screw with rawl plug 3/4"	Set	4000			
1.34	Aluminium paint for pole & MS structure painting	Set	200			1 Set = 4 Ltr.
1.35	Primer and oxide paint for pole & MS structure painting	Set	500			1 Set = 4 Ltr.
1.36	Nail clamp for 3Cx2.5 Sq. mm CU LT XLPE Cable	Set	100			1 Set = 100 Pieces
1.37	Electrical tape 18mm Width & 8 Mtr. Length	Set	50			1 Set = 30 Pieces

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NOTES

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THE ABOVE QUANTITIES ARE INDICATIVE QUANTITY FOR ERECTION HARDWARES & CONSUMABLES & FINAL QUANTITY SHALL VARY DURING ENGINEERING, HOWEVER UNIT PRICE OF ITEM SHALL REMAINS SAME IRRESPECTIVE OF CHANGE IN ITEM QUANTITY. THE MATERIAL SHALL BE SUPPLIED IN LOTS. LOTS SHALL BE RELEASED PROGRESSIVELY BASED ON ENGINEERING AND PROJECT/SITE REQUIREMENT.