



ELECTRICAL WORKS (SUPPLY & ERECTION) FOR PLANT LIGHTING
TALCHER FERTILIZERS LIMITED
NIT NO. : PNPM/ PC183/E/8002/NCB DATED 14.08.2021
Amendment : VI dated 14.09.2021



SL. NO.	REFERENCE OF BIDDING DOCUMENT				AMENDMENT TYPE M/D/A	MODIFICATION
	Part/Sec.	Page No.	Clause No.	NIT Description'		
1.	Technical Specification	317 of 431 (NIT) 25 of 48		Annexure – B Make of equipments / Components	A	Vendor list is added for following items; Junction Boxes : a. Baliga Lighting Equipments Limited b. Ex-protecta c. FCG Flameproof Control Gears Pvt. Ltd. (Formerly CEAG Flame) d. Flameproof Equipments Pvt. Ltd. e. FCG Power Industries Ltd Industrial Type Switch Socket with Plug : a. Baliga Lighting Equipments Limited b. Ex-protecta c. FCG Flameproof Control Gears Pvt. Ltd. (Formerly CEAG Flame) d. Flameproof Equipments Pvt. Ltd. e. FCG Power Industries Ltd
2.	Technical Specification Attachment Technical Specification for High mast Lighting	350 of 431 (NIT) 10 of 12		Drawing and Documents Schedule	M	Annexure – A (Rev.0) is replaced with revised Annexure – A (Rev.1), attached with this Amendment.
3.	Technical Specification Attachment Engineering Standard : Sheet Steel Distribution Board (ES-8080)	369 of 431 (NIT) 14 of 15		Documentation for Sheet Steel Distribution Boards	M	Annexure – I (Rev.2) is replaced with revised Annexure – A (Rev.3), attached with this Amendment
4.	Technical Specification Attachment Engineering Standard : Sheet Steel Distribution Board (ES-8080)	370 of 431 (NIT) 15 of 15		List of Spares	D	Annexure – II List of Spares <u>STAND DELETED.</u>



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	Part/Sec.	Page No.	Clause No.	NIT Description'		
5.	Technical Specification Attachment Engineering Standard : Cables (ES-8160)	378 of 431 (NIT) 8 of 8		Documentation for Cables	M	Annexure – I (Rev.2) is replaced with revised Annexure – I (Rev.3), attached with this Amendment
6.	Technical Specification Attachment Engineering Standard : Junction Box (ES-8201)	386 of 431 (NIT) 8 of 8		Documentation for Junction Boxes	M	Annexure – I (Rev.1) is replaced with revised Annexure – I (Rev.2), attached with this Amendment

LEGEND : M: MODIFICATION, A: ADDITION, D: DELETION

FOR & On behalf of
(Projects & Development India Ltd.)

Kailash Joshi
(Project Manager)



**TECHNICAL SPECIFICATION FOR
HIGH MAST LIGHTING
TFL,TALCHER**

ANNEXURE--I

1

DOCUMENT NO.

REV.

SHEET 10 OF 12

**Annexure-A
Drawing and Documents Schedule**

Sr. No.	Description	With Bid	Documents Required (Y / N)		
			For Approval	For Information	Final
1.	Technical Particulars Completely filled in as per Annexure-B	N	Y	--	Y
2.	Typical Wiring Diagram/Arrangement	N	Y	--	Y
3.	Technical data of light fittings	N	Y	--	Y
4.	Technical literature / Catalogues	N	--	Y	Y
5.	Civil foundation data / details including piling design	N	Y	--	Y
6.	Test Certificates	N	--	--	Y
7.	Guarantee Certificates	N	--	--	Y
8.	List of spares	N	Y	--	Y
9.	Installation & maintenance manual	N	--	Y	Y

Note:

1. 6 hard copies & 1 soft copy shall be supplied for approval / information after order
2. 8 hard copies & 2 soft copies of CD in editable form shall be submitted as final documents prior to despatch of the equipment. These shall be made in sets and supplied in fine plastic coated folder.
Y – Yes, N – No

**ANNEXURE - I****DOCUMENTATION FOR SHEET STEEL DISTRIBUTION BOARDS**

Sl.No.	Documents	Documents Required (Y / N)		
		With Bid	For Approval	Final
1.	Specification Sheet, duly completed	N	Y	Y
2.	Technical Particulars, duly filled-in	N	Y	Y
3.	Feeder Details	N	Y	Y
4.	General Arrangement and Foundation Drawings	N	Y	Y
5.	Schematic Diagrams with Terminal arrangement drawings	N	Y	Y
6.	Calculation for Bus-bar sizing	N	Y	N
7.	Illustrative and Descriptive literature	N	N	Y
8.	Catalogues for bought out accessories	N	N	Y
9.	Installation, Operation and Maintenance Manual	N	N	Y
10.	Test Certificates			
	-- Type (for MCCB & MCB)	N	N	N
	-- Routine	N	N	Y
11.	Guarantee Certificates	N	N	Y
12.	Spare Parts List	N	N	Y

Note:

1. 4 hard copies & 1 soft copy shall be supplied for approval after order
2. 8 hard copies & 2 soft copies in CD shall be submitted as final documents prior to despatch of the equipment. These shall be made in sets and supplied in fine plastic coated folder.

Y - Yes, N - No

**ANNEXURE - I****DOCUMENTATION FOR CABLES**

Sl. No.	Document Description	Documents Required (Y / N)		
		With Bid	For Approval	Final
1.	Specification Sheet, duly completed	N	Y	Y
2.	Technical Particulars, duly filled-in	N	Y	Y
3.	Illustrative and Descriptive catalogues	N	N	Y
4.	Installation, Termination and Jointing Instructions	N	N	Y
5.	Test certificates			
	a) Routine	N	N	Y
	b) Type	N	N	Y
6.	Guarantee Certificates	N	N	Y

Note:

1. 4 hard copies & 1 soft copy shall be supplied for approval after order
2. 8 hard copies & 2 soft copies in CD shall be submitted as final documents prior to despatch of the equipment. These shall be made in sets and supplied in fine plastic coated folder.

Y - Yes, N - No



ANNEXURE - I

DOCUMENTATION FOR JUNCTION BOXES

Sl. No.	Document Description	Documents Required (Y / N)		
		With Bid	For Approval	Final
1.	Specification Sheet, duly completed	N	Y	Y
2.	Technical Particulars, duly filled-in	N	Y	Y
3.	Certified dimensional drawing, including mounting details	N	Y	Y
4.	Drawing showing constructional details	N	Y	Y
5.	Illustrative and Descriptive catalogues	N	N	Y
6.	Spare parts list	N	N	Y
7.	FLP/Exe certificates for junction boxes and terminals conforming to IEC/ISS (CMRI, CCE, DGFASLI and BARC for terminals)	N	N	Y
8.	Certificate for weather proof construction for junction boxes as per IPW-55	N	N	Y

Note:

1. 4 hard copies & 1 soft copy shall be supplied for approval after order
2. 8 hard copies & 2 soft copies in CD shall be submitted as final documents prior to despatch of the equipment. These shall be made in sets and supplied in fine plastic coated folder.

Y - Yes, N - No