



BHARAT HEAVY ELECTRICALS LIMITED
PROJECT ENGINEERING MANAGEMENT, NOIDA

Date-9-May-24

CORRIGENDUM- 06

PROJECT	:	2 X 800 MW NTPC LARA TPP STAGE-II
PACKAGE	:	Gypsum Dewatering Eqpt (Sub-Asbly of FGD)
ENQUIRY NO	:	Enquiry No- E-7459/2024 Dated-12-Apr-24
SUBJECT	:	Changes/Addition in NIT terms

Type of Corrigendum			
Technical Corrigendum -	<input checked="" type="checkbox"/>	Commercial Corrigendum -	<input checked="" type="checkbox"/>

Bidders are requested to note the following changes/additions in NIT terms:

SI. No.	SI. No. of NIT clause	As per NIT	May be read as
1.	19 of NIT	Prices shall be Firm till completion of contract. PVC Formula, If applicable: - NA	PVC is applicable. Refer Annexure-PVC
2.	Additional details	-	Sub-vendor List for GDWE- Suggestive: enclosed
3.	Additional details		LD is not applicable on GST.

All the other terms and conditions of the tender enquiry remain unchanged. All the bidders are requested to quote accordingly.

**Nitin
Kumar**

Digitally signed by Nitin Kumar
DN: cn=Nitin Kumar, o=BHEL,
ou=PEM,
email=nitin.kumar@bhel.in, c=IN
Date: 2024.05.09 15:27:18 +05'30'

Yours faithfully,

For and on behalf of BHEL

Nitin Kumar
Manager/BOP

PRICE ADJUSTMENT FORMULA FOR
'GYPSUM DEWATERING EQUIPMENT (SUB-ASSEMBLY OF FGD)'

APPLICABLE FOR SUPPLY AND MANDATORY SPARES

1. The Contract price shall be subject to price adjustment during performance of the Contract to reflect changes in the cost of material and labour components in accordance with the provisions described below:
 2. It is understood that the price component of the equipment for any shipment/despatch comprises of a fixed portion (designated as 'F' and the value of which is specified hereunder) and a variable portion linked with the indices for materials and labour (description and co-efficient as enumerated below).
- 2.1 Ex-Works Price Component of Main Supply including Mandatory Spares. The amount of price adjustment towards variable portion payable/ recoverable on each shipment/ dispatch shall be computed as under:

$$EC = EC1 - EC0$$

EC1 will be computed as follows:

$$EC1 = EC0 \{F + a \times A_1 / A_0 + L_b \times L_1 / L_0\}$$

Where,

EC = Adjustment in Ex-Works Supply Price.

EC1 = Adjusted Amount of Ex-Works Supply Price.

EC0 = Ex-Works Supply Price as per LOA/ PO.

'F' shall be fixed portion of the Ex-Works Supply Price and shall be considered as 0.15.

'a' shall be co-efficient which shall be considered as 0.6.

'A' shall be Wholesale Price Index for "FILTRATION EQUIPMENT" as published by the Office of the Economic Adviser, Department for Promotion of Industry and Internal Trade, Government of India, Base: 2011-12 = 100.

'L_b' shall be co-efficient for labour component in the Ex-Works Component of the supply Price which shall be considered as 0.25

'L' shall be consumer price index for industrial workers as published by RBI in RBI Bulletin, Sl. No. 1, Base year 2016 =100 (Extract of website is pasted below for reference).

PRICE ADJUSTMENT FORMULA FOR
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2.2 For the indices,

Subscript '0' refers to indices of the Base Month which shall be taken as the month before the month of the price bid opening.

Subscript '1' refers to indices of the month before the month in which delivery is required to be made as per the Purchase Order or its amendments issued. The latest available indices are to be extrapolated to the above defined month wrt. the base month.

Source links (for reference):

Other Consumer Price Indices- RBI bulletin: https://www.rbi.org.in/Scripts/BS_ViewBulletin.aspx

Wholesale Price Index (WPI)- O/o Economic Adviser (DPIIT): <https://eaindustry.nic.in/>

3. Price adjustment shall be applicable only beyond original overall completion schedule as per PO/ LOA. The positive price adjustment shall be applicable only if the delay is not attributable to vendor. However, if the delay is attributable to vendor, then the negative price adjustment (at actuals) shall be passed on to BHEL.
4. Total/ Net price variation of package shall be calculated and settled at the end of all required supplies of the package and shall be limited to (+) 10% of Total Ex-Works Supply Price and Mandatory spares.
5. There shall be no price adjustment on Services part.

**Subvendor List for major components of Gypsum Dewatering Equipment (GDWE)
(for Talcher-III & Lara-II projects of M/s NTPC Ltd.)**

SN.	Description of Item	Sub-Vendor Name (M/s)	Remarks
1	Raw material (Plates, Sheet ISA, ISMC, ISMB, ISHB)	JINDAL STEEL & POWER	
		JSW STEEL	
		UTTAM	
		STEEL AUTHORITY (SAIL)	
		RASTHRIYA ISPAT NIGAM LTD.	
		TATA IRON AND STEEL CO., LTD.	
		ESSAR STEEL INDIA LTD	
2	Pipes, Rod, Bars, Tubes, Sheets & Plates, SQ tube	JINDAL STEEL & POWER	
		ISMT	
		MSL	
		TUBACEX	
		VIRAJ	
		MUKUND	
		LAXCON	
3	HYDROCYCLONES	WEIR	
		KREBS	
		AKW	
4	VFD	ABB	
		SIEMENS	
5	Drainage Mother Belt/ Side Wall Ripple Edge Curbing	CONTITECH, GERMANY	
		SIEGO, ITALY	
		DRB, SOUTH KOREA	
6	Filter Cloth	SEFAR, THANE	
		CLEAR EDGE, JAIPUR	
7	PLAENTRAY GEAR BOX	ROSSI, ITALY	
		BREVINI POWER, ITALY	
		DINAMIC OIL, HARYANA	
8	Vacuum Pump	KAKATI, HYDERABAD	
		PPI PUMPS, AHMEDABAD	
9	BEARINGS	SKF/ FAG	
10	Wash Pump	KSB, PUNE	
		SAMTURBO, COIMBATORE	
11	Venting fan	LAXMI AIR CONTROL/ SYMBIOSIS	
12	Motors of Vacuum Pump	ABB/ SIEMENS/ JYOTHI	
13	LV Motors	ABB/ BBL/CGL/ GE-POWER/ LAXMI HYDRAULICS/KIRLOSKAR/ MARATHON/ NGEF/ SIEMENS/ RAJINDRA ELECT INDUSTRIES	
14	Transmitter (Pressure, Flow, DP, Level, Temperature)	ABB/ ROSEMOUNT/ E&H/ YOKOGAWA/ FORBES MARSHALL	
15	Gauge (Pressure, Level, Temperature)	BAUMER/ INDFOS/ WIKA/ LEVCON	
16	Switch (Flow, Pressure, Level, DP, Temperature)	BAUMER/ INDFOS/ WIKA/ LEVCON	

Note:

1. This suggestive list is based on the sub-vendors proposed by main suppliers of the GDWE package. BHEL/ NTPC may add/ delete any component/vendor, based on the past performance.