


Bokaro Power Supply Company (P) Limited
(A Joint Venture of SAIL & DVC)
Hall No. M-01, Old Administrative Building
Ispat Bhawan, Bokaro Steel City 827 001

Ref : BPSCL/MM/20-21/PUR-210/NIT-969/AL/1136

Date: 16.04.2021

AMMENDMENT TO NIT


NIT No. / Date	Description of items / jobs													
BPSCL/MM/20-21/PUR-210/ NIT-969/600 dated 26.02.2021	Procurement, Commissioning & Post Warranty Comprehensive Annual Maintenance Contract of SOx, NOx & CO Analyzer System.													
<p>1. BID SUBMISSION AND OPENING DATE is being extended :</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th style="width: 50%;">Bid Submission Date & Time</th> <th style="width: 50%;">Bid Opening Date & Time</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">30.04.2020 at 12:00 Hrs. (IST)</td> <td style="text-align: center;">30.04.2020 at 12:15 Hrs. (IST)</td> </tr> </tbody> </table>		Bid Submission Date & Time	Bid Opening Date & Time	30.04.2020 at 12:00 Hrs. (IST)	30.04.2020 at 12:15 Hrs. (IST)									
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<p>2. Following clauses of NIT are being amended and the details are as given below:</p>														
Sl. No.	Clause No.	Clauses may be read as												
1.	3.1 of Section-III <i>(Page 10 of 20 of NIT)</i>	<table border="1" style="width: 100%;"> <thead> <tr> <th style="width: 5%;">Sl. No.</th> <th style="width: 70%;">ITEM DESCRIPTION</th> <th style="width: 25%;">QUANTITY</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1.A.</td> <td>Supply of Goods: Cat. No. - 16700504251 Supply of online SOx, NOx and CO Analyzer as per the specification of NIT</td> <td style="text-align: center;">04 Nos.</td> </tr> <tr> <td style="text-align: center;">1.B.</td> <td>Supply of Services: i) Supervision of Erection ii) Testing & Commissioning</td> <td style="text-align: center;">04 Nos.</td> </tr> <tr> <td style="text-align: center;">1.C.</td> <td>Post warranty comprehensive Annual Maintenance charges</td> <td style="text-align: center;">for 04 numbers of system for 03 years</td> </tr> </tbody> </table>	Sl. No.	ITEM DESCRIPTION	QUANTITY	1.A.	Supply of Goods: Cat. No. - 16700504251 Supply of online SOx, NOx and CO Analyzer as per the specification of NIT	04 Nos.	1.B.	Supply of Services: i) Supervision of Erection ii) Testing & Commissioning	04 Nos.	1.C.	Post warranty comprehensive Annual Maintenance charges	for 04 numbers of system for 03 years
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2.	2.04 (b) of Section-II <i>(page 08 of 20 of NIT)</i>	LD will be applicable @0.5% of the value of the delayed work for each week of delay or part thereof subject to maximum up to 5% of service part , if service part is delayed beyond four (04) months from the date of commencement of work due to reasons attributable to the contractor.												
3.	3.3-8-(A) of Section-III <i>(Page 10 of 20 of NIT)</i>	<p>Payment Term :</p> <p>A) Supply of Goods</p> <p>a) 80% payment against GRN within 30 days .</p> <p>b) 10% after successful commissioning of all the four systems. Payment will be done on Pro Rata basis after successful commissioning of each complete system. If commissioning of any system is delayed beyond four (04) months from date of supply, due to reasons not attributable to the contractor, same may be released against submission of Bank Guarantee of equivalent amount valid for a period of 02 (two) years. However, BG may be released after successful commissioning of all four systems.</p> <p>c) Balance 10% shall be released after completion of guarantee period. (However bidder will have the option of taking this payment against submission of Bank Guarantee of equivalent amount having validity till guarantee period).</p>												


16.04.2021

4.	3.3-9 -(C) of Section-III (page 11 of 20 of NIT)	Commissioning within 04 (four) months of supply of materials.
5.	3.4- 3.0- 1-i of Section-III (page 11 of 20 of NIT)	i. PC workstation for collecting local analyzer data as per the following specifications: Make: Dell / HP Storage: 1 TB SATA RAM: 4 GB DDR4 with on board Graphics Optical Drive: DVD + RW Processor: Intel Core i7 11th Gen With Keyboard and Mouse Monitor: 24" TFT LED Operating System: Genuine Windows 10 Professional 64 Bit
6.	3.4 - 4.0 - 1 of Section-III (page 12 of 20 of NIT)	The Stack Monitoring System along with all its accessories shall be housed in the available Analyzer Room (non- hazardous area) .
7.	3.4 - 4.0 - 8 of Section-III (page 12 of 20 of NIT)	Required cables and accessories for establishing connectivity between analyzers to workstation and workstations to central data acquisition server at BPSCL will be in the scope of the bidder. Mode of Communication: i. Analyzer to PC connection: 4 to 20 mA DC ii. Analyzer to CEMS Data Transfer: RS 485 Tentative requirement of Cables: A. PC Connection: i. 5 Pair Shielded Cable - 200 mtrs. ii. 2 Pair Shielded Cable - 400 mtrs. B. Cable for CEMS Data Transfer: i. Pair Shielded Cable - 1000 mtrs.
8.	3.5- 1 of Section-III (page 14 of 20 of NIT)	Process & Instrumentation Field equipment should be operational and tolerant to extreme environmental conditions, in high or low temperatures & high humidity conditions. Maximum temperature and maximum humidity do not occur simultaneously . Ambient Temperature: 5 - 50 °C Humidity: 85 - 90 %
9.	3.5 - Specification Sl. No. - 09 (Temperature /Pressure Compensation) (page 16 of 20 of NIT)	The raw SO _x /NO _x measured value shall be compensated with Pressure & Temperature inputs to have data available in mg/Nm ³ . The bidder has to supply temperature and pressure measuring instruments along with all its accessories. The details of the stack is given below: Stack Dia ID: 3590 mm Stack Dia OD: 3600 mm MOC: Mild Steel Stack gas temperature: (140 - 220) ° C Gas Pressure: (-) 60 to (-) 100 mmWC Stack flow rate: 1.4 Lakh NM ³ / Hr. Oxygen: 2-5 % v/v Moisture: 8-10 % v/v

For detailed NIT, please visit website www.bpscl.com.

For and on behalf of BPSCL


16/04/2021

(A K Das)
GM I/c. (MM)