



BHARAT HEAVY ELECTRICALS LIMITED
PROJECT ENGINEERING MANAGEMENT, NOIDA

Date-17-Jul-19

CORRIGENDUM- 02

PROJECTs	:	3 x 800 MW PVUNL PATRATU TPP PHASE-I
PACKAGE	:	ELEVATORS
ENQUIRY NO	:	PE/PG/PA1/E-6259/2019 Dated 05.07.2019
SUBJECT	:	PRE- BID CLARIFICATION

Type of Corrigendum			
Technical Corrigendum -	☒	Commercial Corrigendum -	☒

In reference to the above mentioned tender enquiry for **ELEVATORS** package

Please note the following.

1. Refer attached replies to pre-bid queries.

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

Yours faithfully,

For and on behalf of BHEL

Upendra Chaudhary
Manager/BOP

PROJECT:- 3X800 MW PVUNL PATRATU TPP PHASE-1						BHEL replies
PACKAGE:-ELEVATOR						
Enquiry no-PE/PG/PA1/E-6259/2019 Dated 05.07.2019						
SL.NO.	VOLUME / SECTON	PAGE NO.	CLAUSE NO.	Statement of the referred clause	Clarification Required	
TECHNICAL DEVIATION						
1	I-IA	04 of 271	1.1	Necessary accessories including supply of mandatory spares, erection and commissioning spares, special maintenance tools and tackles etc.	Erection and commissioning spares not applicable.we will bring required tools and tackles at site during erection on returnable basis.	E&C spares are part of total scope of supply by vendor as per tender conditions. Hence, E&C spares shall be provided by the bidder as per requirement. Bidder to follow specification.
2	I-IA	05 of 271	1.12	Site Visit before submission of offer	We have not visted site.We have not visted site. Please note that site should be ready and scope of supply will be as per approved document	Bidder to follow specification.
3	I-IA	08 of 271 and 20 of 271	2.0.2 (33) and 1.02.04	Any other steel works as well as all other accessories / components not specified in the technical specification but necessary for making the elevator complete.	If Shaft reduction channel required, supply and erection will be in your scope.	BHEL informed that Referred clause is for manufacturing of component / accessories for making the elevator complete. This is not in respect to civil work for elevator shaft, pit & machine room. In line with IS: 14665, w.r.t elevator capacity, elevator well / shaft and pit shall be provided by civil contractor. Same has already been mentioned at cl. no. 4 (1), under Exclusion, page-9 of 269 & in civil input drawing in tender technical specification. Bidder to follow specification.
4	I-IA	08 of 271 & 20 of 271	2.0.2 (34) & 1.02.05	All minor building works including the supply of steel items, associated with installations of equipments in the machine room hoist way, hoist way door, frames and elevator pit, shall form part of bidder's scope of supply & service, BHEL / customer will provide the elevator well complete with foundation and brick walls around the lift well together with overhead machine room. The machine room will be provided with RCC floor slab with necessary pockets for anchor bolts and slots.	Please note that only landing push button box fixing will be in our scope. Any other civil work like machine room pocket cutting, machine room RCC padestal, Any modification in shaft if required etc.	Minor civil work has already been specified at point. no. 26 and 34 of cl. no. 2.0.2, page no.5&6 of 269 of specification. Further detail scope of work for each elevator has clearly mentioned in civil input drawing at page no. 163 to 164 of 269, annexe- VIII of specification. Bidder to follow specification.
5	I-IA	09 of 271	Notes - 7	Bidder to note that all LT Power cables (Fixed power and control cables etc), Trailing cable and instrument / signal cable for elevator shall be as per electrical specification. Trailing cable shall be FRLS type (with strain bearing member).	All cables except trailing cables shall be FRLS. We offer trailing cables as per IEC 60227-06 Macrotherm make.	Relevant code requirement for cable and wirings has already been mentioned in tender technical specification at cl. no. 8.0- Cable & Wiring, running page no. 11 of 269 of specification. Bidder to follow specification.
6	I-IA	10 of 271	Notes - 20	The local statutory clearance approval / permit board shall be placed on lift cabin	Fess Pay by you.	Bidder to follow specification.
7	I-IA	11 of 271	3.0 (4)	Minor civil and structural works shall be carried out by the bidder if required at site for which no additional commercial implication shall be entertained by BHEL.	All type of civil work at site will be in your scope.	Minor civil work has already been specified at point. no. 26 and 34 of cl. no. 2.0.2, page no.5&6 of 269 of specification. Further detail scope of work for each elevator has clearly mentioned in civil input drawing at page no. 163 to 164 of 269, annexure- VIII of specification. Bidder to follow specification.
8	I-IA	19 of 271	1.02.00(vi)	LED light fittings on car floor.	Fiting on car ceiling not in floor.	BHEL has specified the minimum requirement. Bidder can offer light fittings which are equivalent or higher than as required by BHEL specification and same has been established by bidder during detailed engineering. Bidder to follow specification.
9	I-IA	12 of 271 and 20 of 271	5.0 (e) and 1.03.01 (f)	Tell lights at all floors shall also be provided.	Tell-tale light will be provided when there is duplex operation.	Bidder to follow specification.
10	I-IA	13 of 271 and 21 of 271 and 216 of 271	9 and 1.04.04 and DATA SHEET A - 26	Earthing	Two Earthing point provided by client in M/c room. Further distribution will be in M/s Techno scope.	Earthing terminal shall be provided upto machine room. Further distribution shall be in bidder's scope.
11	I-IA	17 of 271	11.0 (21)	List of commissioning spares and tools and tackles in terms of numbers shall be furnished by the bidder along with the offer.	Not Applicable. However required spares and tools will be bring at site on returnable basis.	BHEL informed bidder that E&C spares are part of total scope of supply by vendor as per tender conditions. Hence, E&C spares shall be provided by the bidder as per requirement. Bidder to follow specification.
12	IV-C	105 of 271	Annexure-I	MANUFACTURING QUALITY PLAN	We will provide you NTPC approved RQP as QAP	Bidder to follow specification.

13	I-IA	141 of 271		PAINTING SPECIFICATION	We will provide you NTPC & NON-NTPC approved Painting Procedure. We request you to please accept the same.	Bidder to follow specification.
14			ANNEXURE-I	LIST OF MAKES	Please refer our attached sub vendor list. We request you to please accept the same.	Bidder to follow specification.
15	II B/IC	211 of 271	IC – Data Sheet A 9.3.1.4	Telephone facility in the lift car	We will provide 3 way EPBAX one in car one in ground floor and one in machine room. Further we will provide one extra cable in machine room for further distribution to your control room will be in your scope of supply.	BHEL has specified the minimum requirement in technical specification. Bidder to follow specification.
16	I-IC	2415 of 271	DATA SHEET A - 24(h)	Type of enclosures	We will provide IP-55 insted of IP-54 which is better version.	BHEL has specified the minimum requirement. Bidder can offer Protection class which are equivalent or higher than as required by BHEL specification and same has to be established during detailed engineering. Bidder to follow specification.
17	I-IC	216 of 271	DATA SHEET A - 26-b	Trailing cables	We will provide Macrotherm make NON-FRLS type Flat trailing cable as per IEC 60227-6 in India. We request you to please accept the same.	BHEL informed bidder that as per NOTE 1 of 'List of Makes', the makes mentioned in the list are indicative and subject to customer approval during detail engineering. Bidder to follow specification.
18			DATA SHEET A - 34	Protection class	We will provide IP-55 insted of IP-54 which is better version.	BHEL has specified the minimum requirement. Bidder can offer Protection class which are equivalent or higher than as required by BHEL specification and same has to be established during detailed engineering. Bidder to follow specification.
NIT						
19				Commissioning Spares	Erection and commissioning spares not applicable. we will bring required tools and tackels at site during erection on returnable basis.	E&C spares are part of total scope of supply by vendor as per tender conditions. Hence, E&C spares shall be provided by the bidder as per requirement. Bidder to follow specification.
20				For Supply (along with commissioning spares)	Delivery of material - 12 to 14 weeks from the date of approval of documents.	Delivery shall be as per point no-17 of NIT
21				E&C	Erection time is 14 to 16 weeks from the date of handing over elevators front to us.	Delivery shall be as per point no-17 of NIT
22				Price shall be firm till completion of contract	It is not feasible to accept open ended price validity. Price remains firm till pre define time period. Here we give the firm price upto 24 months form the date of LOI.	Delivery shall be as per point no-18 of NIT
GCC-6 Corrigendum						
23		05 of 12	9	TERMS OF PAYMENT	1. 100% material payments within 45 days from the date of receipt and acceptance of material at site. 2. 100% Erection payments within 30 days from the date of Handing over to you.	Payment terms shall be as per GST related corrigendum to GCC Rev-06.