

Ref: BHE/PW/PUR/KNFGD-PILES-PKG-A/2393/PKG-B/2394/Corg-03

Date: 02/04/2021

To,

ALL BIDDERS,

Sub: Corrigendum-03: Issuance of Amendment, waiver of EMD and Extension of offer submission due date

PACKAGE-A: CONSTRUCTION AND TESTING OF JOB PILES FOR NTPC KORBA STAGE-I (3X200MW) + STAGE-II (3X500 MW) + STAGE-III (1X500MW) FGD PACKAGE.

AND

PACKAGE-B: CONSTRUCTION AND TESTING OF JOB PILES FOR NTPC KORBA STAGE-I (3X200MW) + STAGE-II (3X500 MW) + STAGE-III (1X500MW) FGD PACKAGE.

References:

1. E-Tender Spec No: BHE/PW/PUR/KNFGD-PILES-PKG-A/2393/PKG-B/2394
2. Corrigendum-01 dated 20/01/2021 for offer submission due date extension from 20/03/2021 to 26/03/2021.
3. Corrigendum-02 dated 28/01/2021 for offer submission due date extension from 26/03/2021 to 02/04/2021.

Bidders to kindly take note of the following:

=====

Ref: BHE/PW/PUR/KNFGD-PILES-PKG-A/2393/PKG-B/2394/Corg-03

Date: 02/04/2021

AA) Link for Reverse Auction (RA) Guidelines: Bidders are requested to refer the guidelines available as per following description pertaining to the clause no 13 of Annexure-12: IMPORTANT INFORMATION of NIT of Vol-I:

“BHEL shall be resorting to Reverse Auction (RA) (Guidelines as available on www.bhel.com) (<https://www.bhel.com/guidelines-reverse-auction-2021>) for this tender.

Salient Features of Reverse Auction (RA) Guidelines:

1. Minimum two techno-commercially qualified bidders are required to conduct RA.
2. In case of two or three techno-commercially qualified bidders, there shall be no elimination of H1 bidder (whose quote is highest in sealed envelope price bid).
3. In case of four qualified bidders, H1 bidder to be eliminated whereas in case of five qualified bidders, H1 and H2 bidders are to be eliminated.
4. Wherever six or more techno-commercially qualified bidders are available, RA would be conducted amongst first 50% of the bidders arranged in the order of prices from lowest to highest. Number of bidders eligible for participating in RA would be rounded off to next higher integer value if number of techno-commercially qualified bidders is odd (e.g. if 7 bids are technically qualified, then RA will be conducted amongst lowest four bidders). However, there will be no elimination of bidders who are qualifying under PPP-MII Order, 2017.

Ref: BHE/PW/PUR/KNFGD-PILES-PKG-A/2393/PKG-B/2394/Corg-03

Date: 02/04/2021

BB) Clause No 1.vii of NIT for EMD (Earnest Money Deposit) Amount: Referred clause has been amended as below:

Existing EMD Amount	Amended EMD Amount
<i>Rs. 43,00,000/= (Rupees Forty Three Lakhs Only).</i>	NIL

Note: All associated clauses of the tender shall be read accordingly.

cc) Bid Security Declaration Format: In view of waiver-off of EMD amount as cited above, Bidders are requested to submit the “Bid Security Declaration Format” as per annexure of this corrigendum.

DD) Issuance of amendment:

NIT Clause ref	Existing Unit	Amended Unit
ST No 2512.a and 2512.b of CHAPTER XI-2393 - BILL OF QUANTITY AND % WEIGHTAGES FOR ITEM RATES W.R.T TOTAL LUMP SUM PRICE of Volume-IA	RM	Each

Ref: BHE/PW/PUR/KNFGD-PILES-PKG-A/2393/PKG-B/2394/Corg-03

Date: 02/04/2021

EE) Additional Clause in the Annexure-I of NIT: Following “Note” has been incorporated in the Annexure-I of NIT:

“No consortium bid is allowed for this Tender. However for the purpose of qualification, after successful execution of one work with a consortium partner under direct order of BHEL, the Prime Bidder shall be eligible for becoming a ‘standalone’ bidder for works similar to that for which consortium partner was engaged, for subsequent tenders”.

FF) ISSUE OF CLARIFICATIONS:

Sl No	NIT Clause ref	Description	Existing provision	Bidder's query	BHEL's clarification
1.	Security Deposit			Kindly consider the security deposit at 3% instead of 5%.	Tender conditions shall prevail.
2.				Kindly provide Soil Investigation report of proposed project site to understand the soil strata.	BHEL soil investigation report is for reference purpose only. Bidder may carry out their Soil investigation themselves (if required) for assessment and bid preparation. BHEL shall not entertain any additional claim on account of this in future for any variation in the data.
3.				Kindly provide Construction Power free of cost at single point at site.	Tender conditions shall prevail.
4.				Kindly extend total 12 months (excluding monsoon) work completion period instead of 10 months.	Tender conditions shall prevail.
5.				Kindly provide each area wise numbers of	Area wise no of piles will be

Ref: BHE/PW/PUR/KNFGD-PILES-PKG-A/2393/PKG-B/2394/Corg-03

Date: 02/04/2021

Sl No	NIT Clause ref	Description	Existing provision	Bidder's query	BHEL's clarification
				piles to understand the milestone execution.	provided after the award of the Contract.
6.				Since all the bidder are quoting for their lowest rate. So kindly remove the reverse auction process for the aforesaid work.	Tender conditions shall prevail.
7.				Kindly provide 10% interest free mobilization advance against submission of Bank Guarantee.	Tender conditions shall prevail.
8.				Kindly confirm whether sand bags for loading above platform instead of catalogue can be allowed for conducting of pile load test	Sand Bags shall not be allowed for loading above platform.
9.	Volume E: Technical Specifications			Design load of piles are not provided. Kindly provide the same.	Design load of Piles: - Initial load test shall be conducted up to a maximum test load of three times the safe load carrying capacity of pile. For 600 dia-safe load capacity for Compression-140T, Lateral-7T, Pull out- 35T. For 760 dia- safe load capacity for Compression-250T, Lateral-12.5T. Job pile shall be conducted up to a maximum test load of one and half times the safe load carrying capacity of pile.

Ref: BHE/PW/PUR/KNFGD-PILES-PKG-A/2393/PKG-B/2394/Corg-03

Date: 02/04/2021

Sl No	NIT Clause ref	Description	Existing provision	Bidder's query	BHEL's clarification
					For 600 dia-safe load capacity for Compression-140T, Lateral-7T, Pull out- 35T. For 760 dia- safe load capacity for Compression-250T, Lateral-12.5T.
10.		Mix Design of concrete		We understand that mix design of concrete in Clients cope. Kindly confirm.	It is in the scope of Agency. BHEL has carried out design Mix which may be used for initial period of work after establishment of Trial Mix. Bidder cannot claim any commercial or Time implication on this account.
11.	Volume E: Technical Specifications	Sub Section IV D (Civil Works)		We have reviewed the NTPC Specifications and found it more relatable to Civil works rather than piling works. We request you to share the Technical Specifications of Piles by NTPC.	Tender documents are self-explanatory.
12.	Volume E: Technical Specifications			Kindly provide the latest soil test report.	BHEL soil investigation report is for reference purpose only. Bidder may carry out their Soil investigation themselves (if required) for assessment and bid preparation. BHEL shall not entertain any additional claim on account of this in future for any variation in the data.

Ref: BHE/PW/PUR/KNFGD-PILES-PKG-A/2393/PKG-B/2394/Corg-03

Date: 02/04/2021

Sl No	NIT Clause ref	Description	Existing provision	Bidder's query	BHEL's clarification
13.	Volume E: Technical Specifications	Annexure-A		RCC Grade of pile mentioned is M25 where as in BOQ it is mentioned M30. Kindly clarify which grade is to consider for piling works.	Price schedule will supersede Technical specification. Grade of Concrete shall be M30.
14.	Volume E: Technical Specifications			We understand that permanent liner may be required for the installation of pile which is not covered in BOQ items as of now. If executed later, it shall be paid as extra item to us. Kindly confirm.	It is clarified that Permanent liner is not required for installation of piles. Temporary liner of suitable length if required may be used during installation of piles.
15.	Volume E: Technical Specifications			Kindly provide approved makes of Concrete Admixtures, if any.	Approved make of admixture is attached for your reference.
16.	Volume E: Technical Specifications			Can we use fly ash in addition to cement in concrete? Kindly confirm.	It is clarified that fly ash cannot be used, Cement is in BHEL Scope.
17.	Volume E: Technical Specifications			Cut off level of piles from EGL is not mentioned. Kindly provide the same.	Cut off level will be provided after award of the contract
18.	Volume E: Technical Specifications			Kindly provide cross sectional drawings of 600mm and 760 mm Dia Piles for reinforcement measurements.	Drawing shall be provided after award of Contract.
19.	Volume E: Technical Specifications			For installation criteria, SPT is to be done but there is no such item of SPT in the BOQ. Kindly add the same in BOQ.	There shall not be any SPT test. Customer spec will prevail
20.				We understand that the removal grade slab, road & other underground utilities prior to installation of piles shall be in client scope. Kindly confirm	TCC Shall prevail.

Ref: BHE/PW/PUR/KNFGD-PILES-PKG-A/2393/PKG-B/2394/Corg-03

Date: 02/04/2021

Sl No	NIT Clause ref	Description	Existing provision	Bidder's query	BHEL's clarification
21.				We have considered Ghevra Ghat as a approved source of sand which is located at 3km from site. Kindly let us know approved source of sand to be considered.	Presently it is one of approved source of sand at NTPC Korba. However, bidder has to take prior approval of NTPC/ Local administration before start of work, no commercial implication will be entertained on the account of change of source
22.				There are two types of Stones available at site. Bluestone (Bazilpur location) and red stone (Biraghni location).Kindly let us know which one to consider.	Bidder has to carry out sampling and concrete design mix from approved Govt. Quarry before start of work. Bidder to asses accordingly.
23.	Space for Batching Plant			We need space for batching plant within site. It will result in time savings of vehicle entry at CISF entry gate. Kindly confirm.	Space of Batching plant shall be provided inside plant.
24.	Working Hours			Kindly confirm whether we can work round the clock in two shifts (day & Night)	Allowed with all prescribed statutory/safety/quality guidelines of BHEL and NTPC.
25.	Muck Disposal			Kindly confirm whether disposal of muck generated from pile boring is in our scope? If yes, kindly provide the distance & location of dumping yard.	It is in the bidder's scope. Location shall be provided inside plant premises
26.	Pile Head Concrete Disposal			Kindly confirm whether disposal of chipping material from pile head is in our scope? If yes, kindly provide the distance & location of	Entire scope is in bidder scope. Bidder has to assess accordingly

Ref: BHE/PW/PUR/KNFGD-PILES-PKG-A/2393/PKG-B/2394/Corg-03

Date: 02/04/2021

Sl No	NIT Clause ref	Description	Existing provision	Bidder's query	BHEL's clarification
				dumping yard.	
27.	BOQ item No 201			Kindly let us know for which activity PCC it is to be used. Kindly share the drawing of the same if available	PCC is for pile cap foundation.
28.	BOQ Item No 301			Kindly let us know for which activity form work it is to be used. Kindly share the drawing of the same if available	Shuttering is for PCC work.
29.	Tender Notice	Hierarchy/ Order of Precedence		We request you to relook into existing Order of precedence as followings are not covered under it: Amendments/Clarifications/Corrigenda/Errata etc. issued in respect of the tender documents by BHEL b. Notice Inviting Tender (NIT) c. guidelines/ circulars/ amendments/ govt. directives issued from time to times.	Tender conditions shall prevail.
30.				During site visit we have found that there are areas which are occupied by components required for operation of plant. Please clarify during pile installation such components may be shifted to facilitate the installation of piles.	All material will be removed and clear site will be handed over to the agency
31.				We have also found that the space for stationing and operation of hydraulic rigs is not sufficient at some locations. Please confirm in those locations installation of pile may be allowed with DMC method	Tender condition is self-explanatory
32.				Please provide the length of empty bore from	Length of empty bore from existing ground level to cut off

Ref: BHE/PW/PUR/KNFGD-PILES-PKG-A/2393/PKG-B/2394/Corg-03

Date: 02/04/2021

Sl No	NIT Clause ref	Description	Existing provision	Bidder's query	BHEL's clarification
				existing ground level to cut off level	level will be provided after the award of the project.
33.				During site visit at some locations there are areas already paved with concrete that may be required to be dismantled but in schedule of quantity there is no such item found	Tender condition is self-explanatory. Bidders to note that major dismantling of Concrete paving for this project is in Customer scope
34.				As we understand from item no A 2504 that breaking of pile upto cut off level is in the scope of contractor. Thus specify the length of pile head. Item no A2504 says that breaking of pile head to cut off level and exposing the reinforcement for embedment in pile cap is also included in this item for which excavation has to carry out. We understand that the quantity mentioned in schedule of quantity as item 101 part A,B,C seems very less. Please clarify whether the dismantling of pile head is included in this item scope or not.	101 item quantities shown in BOQ is correct & tender condition shall prevail. Pile head breaking is in bidder scope covered under relevant item of piling
35.				For item no. A 101 please provide the detail drawing and specification of shoring and strutting for earth retaining structure.	Drawing of shoring and strutting is in bidder scope if required
36.	TCC Interchangeability of Scope - Exact scope of work			Bidder want to understand scope of work mentioned in BOQ are either Package A or Package B	Tender conditions are self-explanatory.
37.	NIT Online Submission			Bidder understands only 1 bid (common documents) is to be submitted against both	Tender conditions are self-explanatory.

Ref: BHE/PW/PUR/KNFGD-PILES-PKG-A/2393/PKG-B/2394/Corg-03

Date: 02/04/2021

Sl No	NIT Clause ref	Description	Existing provision	Bidder's query	BHEL's clarification
				the packages online on BHEL E-procure Portal. Tender ID: 2021_BHEL_2894_1	
38.	NIT Hard Copy Submission			Whether any hardcopy documents are to be submitted before the submission deadline	Please refer the tender documents.
39.	FORMS Annexure 9 Capacity Assessment			Bidder understands that this is valid for only projects executed or ongoing with BHEL. In case bidder has not worked with BHEL in the past this will not be applicable	Please refer the tender documents.
40.	TCC Chapter IX SI No 2 Plot Plan under technical specification	87/90	9	Requesting to provide once again separately.	Plot plan is attached for Reference.
41.	TCC Chapter II Para No 9 : Contractor shall obtain approval ofand pay necessary fee, levies etc towards clearance of such installation, prior to use.	60/90	2.7.1	Please furnish the financial part.	TCC Shall prevail
42.	TCC Chapter III	71/90	3.2.0 electricity sl no a: chargeable	Please furnish the unit rate.	TCC Shall prevail
43.	TCC Chapter II	63/90	2.12.1 Cement is issued through	Scope of Unloading of cement bag at batching plant	It is in bidder's Scope.

Ref: BHE/PW/PUR/KNFGD-PILES-PKG-A/2393/PKG-B/2394/Corg-03

Date: 02/04/2021

Sl No	NIT Clause ref	Description	Existing provision	Bidder's query	BHEL's clarification
			bag.....provided by contractor.		
44.	Technical Specification for Bored cast -in-situ piles	4/26	2.15.00 A abstract of sub soil data is furnished in tender documents. However, the detailed soilat the office of the owner.	Requesting to send abstract of sub soil data separately, also requesting to send detailed soil report/geotechnical data to us.	Soil data attached
45.	SPECIAL CONDITIONS OF CONTRACT (SCC) Chapter-X: RA Bill Payments	29/219	10.5 The payment for running bills will normally be released within 30 days of submission of running bill complete in all respects with all documents.	80% Payment shall be released within 15 days of submission of bill and balance within 30 days of submission of bill	TCC Shall prevail
46.	RESPONSIBILITIES OF THE CONTRACTOR IN RESPECT OF LOCAL LAWS, EMPLOYMENT OF WORKERS ETC (Revised w.e.f 09th Apr 2013).	54/219	2.8.19 Also, no idle charges will be admissible in the event of any stoppage caused in the work resulting in contractor's labour and Tools & Plants being rendered idle	We shall be paid towards Idling arising for reason not attributable to us.	TCC Shall prevail

Ref: BHE/PW/PUR/KNFGD-PILES-PKG-A/2393/PKG-B/2394/Corg-03

Date: 02/04/2021

Sl No	NIT Clause ref	Description	Existing provision	Bidder's query	BHEL's clarification
			due to any reason at any time.		
47.	INTEREST BEARING RECOVERABLE MOBILISATION ADVANCES	58/219	2.13 Mobilization advance payment in exceptional circumstances shall be interest bearing and secured through a Bank Guarantee and shall be limited to a maximum of 5% of contract value.	We shall be paid Interest free Mobilization advance equivalent to 10% of the contract value.	TCC Shall prevail
48.	RETENTION AMOUNT	66/219	2.22.1 Retention Amount shall be 5% of executed contract value and shall be recovered at the rate of 5% from each Running Bill admitted, including PVC Bills.	We shall submit Bank Guarantee of 5% of awarded value against Retention money and hence there shall be no cash retention.	TCC Shall prevail
49.	TECHNICAL SPECIFICATION PILE INSTALLATION	12/94	4.08.03 The time interval between the completion of boring and placing of	If such case occur, we shall clean the bore and assure that required Pile termination depth is achieved before proceeding for concreting.	TCC Shall prevail

Ref: BHE/PW/PUR/KNFGD-PILES-PKG-A/2393/PKG-B/2394/Corg-03

Date: 02/04/2021

Sl No	NIT Clause ref	Description	Existing provision	Bidder's query	BHEL's clarification
			concrete shall not exceed 6 hrs. In case the time interval exceeds 6 hrs the pile bore shall be abandoned.		
50.	TECHNICAL SPECIFICATION Pile Integrity test	16/94	5.09.00 Low strain integrity test shall be conducted on 50% of the jobs piles and on all test piles or as directed by Engineer.	In BOQ, Quantity of PIT Test is similar to total number of job pile. Please clarify the quantity of this item since its more than testing requirement.	TCC Shall prevail
51.	TECHNICAL SPECIFICATION RATES AND MEASUREMENTS	20/94	8.01.09 The quoted rate for the piling shall include concreting by tremmie method, length of pile above COL, withdrawal of guide casing, cost for preparation of pile head and disposal of debris etc., resulting from breaking off of pile upto COL, upto a distance of 2 Km from the plant	We request you to provide us land for disposal of muck within 1 km at site.	TCC Shall prevail

Ref: BHE/PW/PUR/KNFGD-PILES-PKG-A/2393/PKG-B/2394/Corg-03

Date: 02/04/2021

Sl No	NIT Clause ref	Description	Existing provision	Bidder's query	BHEL's clarification
			boundary or as directed by Engineer.		
52.	TECHNICAL CONDITIONS OF CONTRACT (TCC) Chapter- VI: Time Schedule	79/90	6.1.2 The contractor shall complete all the work in the scope of this contract within the contract period.	Please furnish No. and Diameter of Pile in each structure	Shall be provided after award of contract.
53.				Please furnish List of approved MAKE of Construction materials required for the work	List is attached for reference.
54.				Please furnish List of Plot plan Drawing and other construction drawings including pile layout drawing	Plot plan is attached for Reference.
55.				You are requested to advice the scope of supply of construction drawings for FGD piling project. As per TCC of tender specifications Chapter-III Facilities in the scope of BHEL/contractor 3.9.0. for erection facilities, 3.9.1 b) Drawings for construction methods is in the scope of both i.e. BHEL & Bidder, which is not clear to us.	Construction drawing is in BHEL Scope. Construction methodology is in Bidder scope which is to be made in consultation with BHEL

Ref: BHE/PW/PUR/KNFGD-PILES-PKG-A/2393/PKG-B/2394/Corg-03

Date: 02/04/2021

GG) Extension of Last Date for Offer Submission:

The last date for submission of Tender has been re-scheduled to [09/04/2021, 13.00 hrs.](#)

Technical Bid shall be opened on [09/04/2021 at 17.00 hrs.](#)

=====

All other Terms and conditions of the Tender Specification shall remain unaltered unless expressly amended by BHEL in writing. Bidders are requested to submit as a part of their offer, a copy of this corrigendum duly digitally countersigned by the authorized signatory as a token of Bidder's unqualified acceptance of this corrigendum.

BIDDERS MAY PLEASE NOTE THAT SUBJECT TENDER IS E-TENDER AND THE OFFER IS TO BE SUBMITTED ONLY IN E-PROCUREMENT PORTAL → www.eprocurebhel.co.in

BIDDERS WHO HAVE ALREADY SUBMITTED THEIR OFFERS PRIOR TO ISSUANCE OF THIS CORRIGENDUM IN E-TENDER PORTAL ARE REQUIRED TO RE-SUBMIT THEIR OFFER AFTER TAKING COGNIZANCE OF THIS CORRIGENDUM.

Thanking you,
Yours faithfully,

AGM (Purchase)

Enclosure: Annexure-A: Bid Security Declaration Format,
Annexure-B: Indicative Vendor list for civil BOI,
Annexure- C: Plot Plan for FGD System,
Annexure-D: Geotechnical Investigation Report

Ref: BHE/PW/PUR/KNFGD-PILES-PKG-A/2393/PKG-B/2394/Corg-03

Date: 02/04/2021

Annexure-A

Bid Security Declaration Form

(To be typed and submitted in the Letter Head of the Company/Firm of Bidder)

To,

(Write Name & Address of Officer of BHEL inviting the Tender)

Dear Sir/Madam,

Sub: Bid Security Declaration

Ref: NIT/Tender Specification No: BHE/PW/PUR/KNFGD-PILES-PKG-A/2393/PKG-B/2394

PACKAGE-A: CONSTRUCTION AND TESTING OF JOB PILES FOR NTPC KORBA STAGE-I (3X200MW) + STAGE-II (3X500 MW) + STAGE-III (1X500MW) FGD PACKAGE.

AND


PACKAGE-B: CONSTRUCTION AND TESTING OF JOB PILES FOR NTPC KORBA STAGE-I (3X200MW) + STAGE-II (3X500 MW) + STAGE-III (1X500MW) FGD PACKAGE.

1. I/We Mr/ Ms..... authorised person to sign the bid documents for tender pertaining to the captioned scope do hereby declare that I/We have gone through the entire tender documents including terms and condition mentioned in the tender documents and undertake to comply with them.
2. I/We further declare that we will not withdraw our bid or modify our offer during the period of validity of the bid after the deadline for submission of such documents.
3. If I/we withdraw or modify the bids during the period of validity, or if I/We are awarded the contract and fail to sign the contract, if applicable or to submit security deposit as defined in the tender document/LOA, we will be suspended for the period of time as specified in the tender document from being eligible to submit bids/proposals to BHEL.

**Signature of the Authorised Signatory
(With Name, Designation and Company seal)**

Place:

Date:

	PROJECT:	Indicative Vendor list for Civil BOI					NTPC DOC NO.	
	PACKAGE: FGD						REV. NO.	
	MAIN SUPPLIER:	SUB SYSTEM: CIVIL WORKS					DATE	
	CONTRACT NO.:							
SR. NO.	ITEM	QAP / INSP. CAT	QA P NO.	PROPOSED SUB SUPPLIER	PLACE OF MANUFACTURING	APPROVA L STATUS / CATEGO RY	REMARKS	
1.	CEMENT		-	BIS APPROVED SOURCES HAVING VALID BIS LICENCE	-	-		
2.	CONSTRUCTION CHEMICALS, WATER PROOFING COMPOUNDS AND GROUTS		-	SIKA INDIA LTD	-	A		
				CICO TECHONOLOGIES LTD	-	A		
				FOSROC CHEMICALS (I) PVT LTD	-	A		
				BUILDTECH PRODUCTS INDIA PVT. LTD	ALWAR	A		
				HINDCON CHEMICALS LTD	HOWRAH	A		
				BASF	-	A		
3.	PAINT AND PAINTING SYSTEM (On Masonry, Concrete & Wooden Structures)		-	BERGER	-	A		
				SHALIMAR PAINTS	-	A		
				JENSON AND NICHOLSON	-	A		
				KANSAI NEROLAC	-	A		
				(DULUX) AKZO NOBEL	-	A		
				ASIAN PAINTS	-	A		
4.	PAINT AND PAINTING SYSTEM (On Steel Structure)		-	BERGER	-	A		
				SHALIMAR PAINTS	-	A		
				KANSAI NEROLAC	-	A		
				AKZO NOBEL	-	A		
				CARBOLINE INDIA PVT. LTD	CHENNAI	A		
				ASIAN PAINT PPG	-	A		
5.	COLOUR COATED SHEET (FOR COIL)			BHUSHAN STEEL AND STRIPS LTD.	RAIGAD	A		
				ESSAR STEEL LTD	PUNE	A		
				NATIONAL STEEL & AGRO INDUSTRIES LTD	DHAR	A		

