

PROJECT: NTPC Barh 3 x 660MW Stage - I (BHEL W.O no: G 604, G 605 and G 606) NTPC Barh 2 x 660MW Stage - II (BHEL W.O no: G 607 and G 608) NTPC NORTH KARANPURA (3X660MW) (BHEL WO no: G601, G602 & G 603) NTPC Mouda 2 X 500MW (BHEL WO no: G503 & G504) UPRVUNL Panki (1 X 660 MW) (BHEL WO No: R4U2) CONTRACT NO: **Ref Sl. NO. 09 PACKAGE: FGD PACKAGE MAIN CONTRACTOR: BHEL - RANIPET SUB CONTRACTOR & ADDRESS: (To be filled by VENDOR)		CONTRACT QUALITY REQUIREMENTS (CQR) for UNDERSLUNG CRANES used in FGD APPLICATION NTPC Barh 3 x 660MW Stage - I (BHEL W.O no: G 604, G 605 and G 606) NTPC Barh 2 x 660MW Stage-II (BHEL W.O no: G607 and G608) NTPC - NORTH KARANPURA (3X660MW) (BHEL WO no: G601, G602 & G 603) NTPC Mouda 2 X 500MW (BHEL WO no: G503 & G504) UPRVUNL Panki (1 X 660 MW) (BHEL WO No: R4U2)	DOC.NO: BAP/QR/G601 To G 608 & G503, G504,R4U2 / Barh I&II – NKP - Mouda-Panki/ Underslung Cranes: 001 Rev NO.: 00 PAGE : Page 1 of 2 DATE: 06.10.2020	##Enquiry No: ## Supplier Name & Address: ##Offer reference: ##Date: Contact Official Name: Mobile no: Email id:
Sl. NO.	DESCRIPTION	BHEL/NTPC, UPRVUNL Panki Requirements		##Specific confirmations by the vendor

ITEM: UNDERSLUNG CRANES

01	Quality plan Requirement	- MQP (Manufacturing Quality Plan) is applicable for these Underslung Cranes and accordingly Underslung Crane Manufacturer shall submit the MQP in ultimate customer – NTPC and UPRVUNL format (copy attached). - If any of the Underslung Cranes manufacturer is having, ultimate customer NTPC approved MQP (Manufacturing Quality Plan) / RQP (Reference Quality Plan) and having validity, the same is applicable for these Underslung Crane for inspection subject to obtaining ultimate customer NTPC, UPRVUNL formal approval in the event of an order through endorsement sheet approval route as in sl no: 3 below - Accordingly, Underslung Cranes Manufacturer shall submit the filled up Endorsement sheet (copy attached) with ultimate customer approved MQP/RQP with signature & seal in the event of a Purchase Order from BHEL. - If Underslung Cranes Manufacturer does not have MQP/RQP, they should submit a fresh MQP to BHEL/NTPC, UPRVUNL Panki (in NTPC and UPRVUNL format) for review & approval. (copy attached).	
02	Vendor Approval	Vendor shall submit details w.r.t. vendor approval by NTPC and UPRVUNL Panki for proposed supply of Underslung cranes against BHEL/Ranipet (or) any other NTPC orders. The details of PO already executed preferably through various other BHEL units or through direct orders executed by them against NTPC EOC Noida (not based on NTPC site orders) with CHP/MDCC including technical catalogue, PO received so far for similar supply may also be submitted.	
		Vendor shall note that if Ultimate customer NTPC and UPRVUNL Panki vendor approvals is not there / not available, then the vendor offer will not be considered for further processing / ordering for the supply of Underslung Cranes against this Enquiry.	
03	Vendor Evaluation	Vendors who are not approved by Ultimate customer NTPC and UPRVUNL Panki shall submit the NTPC Sub Vendor Questionnaire in NTPC format (copy enclosed) duly filled in with all the details in single submission in the offer itself with following credentials like, - Manufacturing Facilities and Testing Facilities, Organizational Set up including catalogue/ Drg giving constructional details of the item under consideration. - System & procedure of proposed vendor followed for inspection & testing of various items covered in this scope. - Vendor's Own experience including Field Performance Report from the end users for similar size/rating/ application and material. Experience detail shall include date of supply and commissioning.	

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Sl. NO.	DESCRIPTION	BHEL/NTPC, UPRVUNL Panki Requirements		##Specific confirmations by the vendor

ITEM: UNDERSLUNG CRANES

04	Inspection Methodology	BHEL/BHEL AIA and Ultimate customer NTPC, UPRVUNL Panki Inspection as per approved MQP /RQP with endorsement sheet / approved data sheet / drg / spec is must before dispatch. No material shall be dispatched without BHEL/Ultimate Customer NTPC, UPRVUNL Panki inspection with required CHP/MDCC clearances.	
05	For inspection call	To raise inspection call by BHEL/BHEL AIA inspection including for type test witnessing, vendor is requested to contact Mr R Kesavan, DGM (QC-Proc), Mobile no: +91 9443006303., Email id: Kesavan@bhel.in and Mr Kovarathanan, DM (QC-Proc), Mobile no: +91 8903502628., Email id: kovak@bhel.in for inspection related activities for immediate response/ resolution.	
06	Packing	Required Packing & preservation shall also to be ensured as per requirements stipulated in Engg spec / drg / data sheet/PO condition to avoid any damage during transit., handling damages & storage at site.	
07	Painting	Paint color and coating thickness to be ensured as per requirements stipulated in Engg spec / drg / data sheet.	
08	Document package	Specific confirmation for Document Package in the event of an order (2 hard copies + 2 CDs in Pdf file) is to be given containing the following with proper linkages (.) (i) Index Sheet (ii) MQP/RQP/Endorsement sheet (iii) TCs identified by BHEL/NTPC, UPRVUNL Panki for record for “CHP” and Verification portion as given in. (iv) Final Inspection Report + all applicable Test Certificates (v) BHEL/BHEL authorized Inspection Agency report + TC (vi) Type test reports conducted/submitted with approval (vii) NTPC, UPRVUNL Panki CHP/MDCC	
09	**CONTRACT NO: CS-9558-109(1A)-2-FC-NOA-6724 for NTPC Barh Stage –I 3 x 660MW CS-9560-109(1B)-9-FC-NOA-6720 for NTPC Barh Stage –II 2 x 660MW CS-4410-109-2- FC/SC-NOA-6695/6696 for NTPC North Karanpura 3x660MW CS-9561-109(1B)-9-FC-NOA-6722 for NTPC Mouda 2 X 500MW 14A22-9PC-G-0001A for UPRVUNL Panki 1 x 660 MW		

##Supplier signature with seal

Necessarily to be filled up by the vendor at the time of offer itself otherwise their offer may not be considered w.r.t Quality Requirements being customer specific requirements.

UNDERSLUNG CRANES SUPPLIER WITH MFR.'s LOGO (TO BE FILLED BY UNDERSLUNG CRANES SUPPLIER)	UNDERSLUNG CRANES MANUFACTURER'S NAME AND ADDRESS (TO BE FILLED BY UNDERSLUNG CRANES MANUFACTURER)	MANUFACTURING QUALITY PLAN						PROJECT: NTPC Barh 3 x 660MW Stage - I (BHEL W.O no: G 604, G 605 and G 606) ;Barh 2 x 660MW Stage - II (BHEL W.O no:G 607 and G 608); North Karanpura 3 x 660MW (BHEL Wo No: G 601, G602 & G603); Mouda 2 x 500MW (BHEL Wo No: G503, G504) PACKAGE: FGD PACKAGE NTPC CONTRACT NO: CS-9558-109(1A)-2-FC-NOA-6724 for Barh Stage –I (3 x 660MW); CS-9560-109(1B)-9-FC-NOA-6720 for Barh Stage –II (2 x 660MW); CS-4410-109-2- FC/SC-NOA-6695/6696 for North Karanpura (3 x 660MW); CS-9561-109(1B)-9-FC-NOA-6722 for Mouda (2 X 500MW) MAIN CONTRACTOR: BHEL - RANIPET SUB CONTRACTOR (OEM) & ADDRESS: (TO BE FILLED BY OEM SUPPLIER)					
		ITEM: UNDERSLUNG CRANES FOR FGD APPLICATION SUB-SYSTEM: FGD	QP NO.: FGD: UNDERSLUNG CRANES:001 REV.NO.: 00 DATE: PAGE: OF....										

SL. NO	COMPONENT & OPERATIONS	CHARACTERISTICS	CLASS	TYPE OF CHECK	QUANTUM OF CHECK		REFERENCE DOCUMENT	ACCEPTANCE NORMS	FORMAT OF RECORD		AGENCY			REMARKS
					M	C/N					M	C	N	
1.	2.	3.	4.	5.	6.		7.	8.	9.	D*	** 10.			11.

		LEGEND: * RECORDS, IDENTIFIED WITH “TICK” (✓) SHALL BE ESSENTIALLY INCLUDED BY SUPPLIER IN QA DOCUMENTATION. ** M: UNDERSLUNG CRANE MANUFACTURER C: MAIN SUPPLIER – BHEL/BHEL AIA, N: NTPC P: PERFORM W: WITNESS AND V: VERIFICATION. AS APPROPRIATE, CHP: NTPC SHALL IDENTIFIED IN COLUM “N” AS ‘W’		DOC. NO.:		REV..... CAT.....	
UNDERSLUNG CRANE MANUFACTURER/	MAIN (BHEL) SUPPLIER		FOR NTPC USE				
SIGNATURE				REVIEWED BY	APPROVED BY	APPROVAL SEAL	

UNDERSLUNG CRANES SUPPLIER WITH MFR.'s LOGO (TO BE FILLED BY UNDERSLUNG CRANES SUPPLIER)	UNDERSLUNG CRANES MANUFACTURER'S NAME AND ADDRESS (TO BE FILLED BY UNDERSLUNG CRANES MANUFACTURER)	MANUFACTURING QUALITY PLAN						PROJECT: UPRVUNL Panki (1 x660 MW) PACKAGE: FGD PACKAGE CONTRACT NO:14A22-9PC-G-0001A MAIN CONTRACTOR: BHEL - RANIPET SUB CONTRACTOR (OEM) & ADDRESS: (TO BE FILLED BY OEM SUPPLIER)						
		ITEM: UNDERSLUNG CRANES FOR FGD APPLICATION SUB-SYSTEM: FGD			QP NO.: FGD: UNDERSLUNG CRANES:001 REV.NO.: 00 DATE: PAGE: OF....									
SL. NO	COMPONENT & OPERATIONS	CHARACTERISTICS	CLASS	TYPE OF CHECK	QUANTUM OF CHECK		REFERENCE DOCUMENT	ACCEPTANCE NORMS	FORMAT OF RECORD		AGENCY			REMARKS
1.	2.	3.	4.	5.	M	C/N	7.	8.	9.	D*	M	C	N	11.

		LEGEND: * RECORDS, IDENTIFIED WITH “TICK” (✓) SHALL BE ESSENTIALLY INCLUDED BY SUPPLIER IN QA DOCUMENTATION. ** M: UNDERSLUNG CRANE MANUFACTURER C: MAIN SUPPLIER – BHEL/BHEL AIA , N: UPRVUNL / NTPC P: PERFORM W: WITNESS AND V: VERIFICATION. AS APPROPRIATE, CHP: UPRVUNL/NTPC SHALL IDENTIFIED IN COLUM “N” AS ‘W”		DOC. NO.:		REV..... CAT.....	
UNDERSLUNG CRANE MANUFACTURER/	MAIN (BHEL) SUPPLIER		FOR UPRVUNL/ NTPC USE				
SIGNATURE				REVIEWED BY	APPROVED BY	APPROVAL SEAL	

ENDORSEMENT SHEET FOR QP
REFERENCE / STANDARD / FIELD QUALITY PLAN (RQP / SQP/RFQP/SFQP)

TO BE FILLED IN BY SUPPLIER AT TIME OF SUBMISSION			To be filled in by NTPC
PROJECT NAME	NTPC Barh 3 x 660MW Stage – I (BHEL W.O no: G 604, G 605 and G 606) NTPC Barh 2 x 660MW Stage – II (BHEL W.O no: G 607 and G 608) NTPC North Karanpura 3 x 660MW (BHEL W.O No: G 601, G602 & G603) NTPC Mouda 2 x 500MW (BHEL W.O no: G503 & G504)	<u>2REVIEW & ENDORSEMENT BY NTPC</u> PROJECT SPECIFIC QP NUMBER ALLOTTED QP NO: REV. NO.: 00 DT :	
CONTRACT NO.:	CS-9558-109(1A)-2-FC-NOA-6724 for Barh Stage –I (3 x 660MW) CS-9560-109(1B)-9-FC-NOA-6720 for Barh Stage –II (2 x 660MW) CS-4410-109-2- FC/SC-NOA-6695/6696 for North Karanpura (3 x 660MW) CS-9561-109(1B)-9-FC-NOA-6722 for Mouda (2 X 500MW)		
MAIN SUPPLIER	M/S.BHEL, RANIPET , TAMIL NADU., INDIA		
MANUFACTURER WORKS & ADDRESS	(TO BE FILLED BY UNDERSLUNG CRANES MANUFACTURER)		
ITEM /EQUIPMENT / SYSTEM/ SUB-SYSTEM DETAILS i.e. MODEL TYPE/SIZE/RATING etc.	UNDERSLUNG CRANES FOR FGD APPLICATION		
APPROVED QP NO.: RQP/SQP/RFQP/SFQP			
<i>Confirmation by Main Supplier (TICK WHICHEVER APPLICABLE)</i>		<i>(TICK APPLICABLE)</i>	
I. That the item/ component is identical to that considered for SQP approval. ✓		The MQP/RQP/SQP is endorsed for this project without any change The SQP is endorsed for this project with changes as indicated.	
II. That there are minor changes in the item/ component with respect to that considered for MQP/RQP/SQP approval, however the same do not affect the contents of MQP/RQP/SQP			
III. That there are minor changes in the item/ component with respect to that considered for MQP/RQP/SQP approval, however the same affect the MQP/RQP/SQP slightly, as indicated below / in attached sheet.			
		<u>DISTRIBUTION OF ENDORSEMENT OF</u> A) MQP/RQP/SQP: 1. MAIN SUPPLIER (WITH A COPY OF MQP/RQP/SQP) 2. MANUFACTURER 3. RIO 4. CQA-SPL 5. CQA-O/C B) RFQP/SFQP: 1. MAIN SUPPLIER (with a copy of MQP/RQP/SQP) 2. MANUFACTURER 3. NTPC FQA (with a copy of MQP/RQP/SQP) 4. NTPC Erection (with a copy of MQP/RQP/SQP) 5. CQA-SPL 6. CQA-O/C	
SIGN.: (Main Supplier) DATE:		SIGN.: (Manufacturer) DATE:	
		NTPC (Reviewed /Approved by/ Date & Seal)	

ENDORSEMENT SHEET FOR QP
REFERENCE / STANDARD / FIELD QUALITY PLAN (RQP/ SQP/RFQP/SFQP)

TO BE FILLED IN BY SUPPLIER AT TIME OF SUBMISSION		एनटीपीसी NTPC	To be filled in by NTPC
PROJECT NAME	UPRVUNL-PANKI 660MW – FGD (NTPC CONSULTANT) (BHEL/BAP WO no: R4U2)		2REVIEW & ENDORSEMENT BY NTPC PROJECT SPECIFIC QP NUMBER ALLOTTED QP NO: REV. NO.: 00 DT :
CONTRACT NO.:	14A22-9PC-G-0001A		
MAIN SUPPLIER	M/S.BHEL, RANIPET , TAMIL NADU., INDIA		
MANUFACTURER WORKS & ADDRESS	(TO BE FILLED BY UNDERSLUNG CRANES MANUFACTURER)		
ITEM /EQUIPMENT / SYSTEM/ SUB-SYSTEM DETAILS i.e. MODEL TYPE/SIZE/RATING etc.	UNDERSLUNG CRANE FOR FGD APPLICATION		
APPROVED QP NO.: RQP/SQP/RFQP/SFQP			
Confirmation by Main Supplier (TICK WHICHEVER APPLICABLE)			<i>(TICK APPLICABLE)</i>
I. That the item/ component is identical to that considered for SQP approval. ✓			The MQP/RQP/SQP is endorsed for this project without any change
II. That there are minor changes in the item/ component with respect to that considered for MQP/RQP/SQP approval, however the same do not affect the contents of MQP/RQP/SQP			
III. That there are minor changes in the item/ component with respect to that considered for MQP/RQP/SQP approval, however the same affect the MQP/RQP/SQP slightly, as indicated below / in attached sheet.			The SQP is endorsed for this project with changes as indicated. <u>DISTRIBUTION OF ENDORSEMENT OF</u> A) MQP/RQP/SQP: 1. MAIN SUPPLIER (WITH A COPY OF MQP/RQP/SQP) 2. MANUFACTURER 3. RIO 4. CQA-SPL 5. CQA-O/C B) RFQP/SFQP: 1. MAIN SUPPLIER (with a copy of MQP/RQP/SQP 2. MANUFACTURER 3. NTPC FQA (with a copy of MQP/RQP/SQP 4. NTPC Erection (with a copy of MQP/RQP/SQP 5. CQA-SPL 6. CQA-O/C
		(TO BE FILLED BY UNDERSLUNG CRANES MANUFACTURER)	
SIGN.: (Main Supplier)	DATE:	SIGN.: (Manufacturer)	DATE:
			NTPC (Reviewed /Approved by/ Date & Seal)

	CORPORATE QUALITY ASSURANCE SUB-VENDOR QUESTIONNAIRE
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i.	Item/Scope of Sub-contracting			
ii.	Address of the registered office	Details of Contact Person (Name, Designation, Mobile, Email)		
iii.	Name and Address of the proposed Sub-vendor's works where item is being manufactured	Details of Contact Person: (Name, Designation, Mobile, Email)		
iv.	Annual Production Capacity for proposed item/scope of sub-contracting			
v.	Annual production for last 3 years for proposed item/scope of sub-contracting			
vi.	Details of proposed works			
1.	Year of establishment of present works			
2.	Year of commencement of manufacturing at above works			
3.	Details of change in Works address in past (if any)			
4.	Total Area			
	Covered Area			
5.	Factory Registration Certificate	Details attached at Annexure – F2.1		
6.	Design/ Research & development set-up (No. of manpower, their qualification, machines & tools employed etc.)	Applicable / Not applicable if manufacturing is as per Main Contractor/purchaser design) Details attached at Annexure – F2.2 (if applicable)		
7.	Overall organization Chart with Manpower Details (Design/Manufacturing/Quality etc)	Details attached at Annexure – F2.3		
8.	After sales service set up in India, in case of foreign sub-vendor (Location, Contact Person, Contact details etc.)	Applicable / Not applicable Details attached at Annexure – F2.4		
9.	Manufacturing process execution plan with flow chart indicating various stages of manufacturing from raw material to finished product including outsourced process, if any	Details attached at Annexure – F2.5		

	CORPORATE QUALITY ASSURANCE SUB-VENDOR QUESTIONNAIRE
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10.	Quality Control exercised during receipt of raw material/BOI, in-process , Final Testing, packing	Details attached at Annexure – F2.6												
11.	Manufacturing facilities (List of machines, special process facilities, material handling etc.)	Details attached at Annexure – F2.7												
12.	Testing facilities (List of testing equipment)	Details attached at Annexure – F2.8												
13.	If manufacturing process involves fabrication then- List of qualified Welders List of qualified NDT personnel with area of specialization	Applicable / Not applicable Details attached at Annexure – F2.9 (if applicable)												
14.	List of out-sourced manufacturing processes with Sub-Vendors' names & addresses	Applicable / Not applicable Details attached at Annexure. –F2.10 (if applicable)												
15.	Supply reference list including recent supplies	Details attached at Annexure – F2.11 (as per format given below)												
	<table border="1" style="width: 100%;"> <tr> <th style="width: 10%;">Project/ package</th> <th style="width: 10%;">Customer Name</th> <th style="width: 30%;">Supplied Item (Type/Rating/Model /Capacity/Size etc)</th> <th style="width: 15%;">PO ref no/date</th> <th style="width: 20%;">Supplied Quantity</th> <th style="width: 15%;">Date of Supply</th> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table>	Project/ package	Customer Name	Supplied Item (Type/Rating/Model /Capacity/Size etc)	PO ref no/date	Supplied Quantity	Date of Supply							
Project/ package	Customer Name	Supplied Item (Type/Rating/Model /Capacity/Size etc)	PO ref no/date	Supplied Quantity	Date of Supply									
16.	Product satisfactory performance feedback letter/certificates/End User Feedback	Attached at annexure - F2.12												
17.	Summary of Type Test Report (Type Test Details, Report No, Agency, Date of testing) for the proposed product (similar or higher rating) Note:- Reports need not to be submitted	Applicable / Not applicable Details attached at Annexure – F2.13 (if applicable)												
18.	Statutory / mandatory certification for the proposed product	Applicable / Not applicable Details attached at Annexure – F2.14 (if applicable)												
19.	Copy of ISO 9001 certificate (if available)	Attached at Annexure – F2.15												
20.	Product technical catalogues for proposed item (if available)	Details attached at Annexure – F2.16												
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Name:		Desig:		Sign:		Date:								

Company's Seal/Stamp:-