

ANNEXURE-A					
NAME OF PROJECT:		206 MW SHAHPURKANDI HEP	Doc No:	PE-PF-406-501-A501	
NAME OF PACKAGE:		150T/40T/10T DOUBLE GIRDER EOT CRANE	Rev No:	0	
TECHNICAL SPECIFICATION:		PE-TS-406-501-A501	Date of issue	Jan-22	
S. No.	DESCRIPTION	UNIT	QTY	TOTAL EX-WORK	TOTAL EXWORKS IN WORDS
1.0	Total lump sum firm price for <b>SUPPLY PART, SERVICE PART (E&amp;C &amp; MAINTENANCE SERVICES) &amp; MANDATORY SPARES</b> comprising of design (i.e. preparation and submission of drawing /documents including "As Built" drawings and O&M manuals), engineering, manufacture, fabrication, assembly, inspection / testing at vendor's & sub-vendor's works, painting, maintenance tools & tackles, fill of lubricants & consumables along with all accessories and spares for erection, start up and commissioning as required, forwarding, proper packing, shipment and delivery as per SCC including warranty, erection and commissioning of crane, load & overload testing at site, and maintenance service of crane for the total scope for EOT cranes defined as per BHEL NIT & tender technical specification, amendment & agreements till placement of order.				
2.0	<b>MAJOR BREAK-UP OF PRICES GIVEN IN 1.0 ABOVE</b>				
2.1	Total lump sum firm price for <b>SUPPLY</b> part comprising of design (i.e. preparation and submission of drawing /documents including "As Built" drawings and O&M manuals), engineering, manufacture, fabrication, assembly, inspection / testing at vendor's & sub-vendor's works, painting, maintenance tools & tackles, fill of lubricants & consumables along with all accessories and spares for erection, start up and commissioning as required, training of end customer at manufacturer's works forwarding, proper packing, shipment and delivery as per NIT including warranty of crane for the total scope for EOT cranes defined as per BHEL NIT & tender technical specification, amendment & agreements till placement of order. (Price break up to be furnished at Annexure- I).	Lot	1		
2.2	Total lump sum firm price for <b>SERVICE</b> part comprising of <b>Erection and Commissioning</b> of crane, load & overload testing at site, and Erection and Commissioning of rail & DSL for crane for the total scope defined as per BHEL NIT & tender technical specification, amendment & agreements till placement of order.((Price break up to be furnished at Annexure- II).	Lot	1		
2.3	Total lumpsum firm prices for <b>MAINTENANCE SERVICE</b> including manpower, consumables, wear/tear parts etc. for crane after load/ overload testing with all accessories for the total scope defined as per BHEL NIT & tender technical specification, amendment & agreements till placement of order (Price break up of Maintenance services is to be furnished as per Annexure-III).	Lot	1		
2.4	Total lumpsum firm price for <b>Mandatory spares</b> comprising of manufacture, fabrication, assembly, inspection / testing at vendor's & sub-vendor's works, painting, forwarding, proper packing, shipment, delivery as per NIT including warranty as per tender technical specification above, amendment & agreements till placement of order. (Price break up of mandatory spares is to be furnished as per Annexure- IV).	Lot	1		
<b>GRAND TOTAL</b>					
Note: 1) Bidder to note that there shall be no implication with reference to change of lift upto (+/-) 1000 mm as indicated in CCD. 2) Bidder to quote the Prices in 'figures' along with corresponding 'words'.					

ANNEXURE-I		Doc No:	PE-PF-406-501-A501		
		Rev No:	0		
		Date of issue	Jan-22		
NAME OF PROJECT:		206 MW SHAHPURKANDI HEP			
NAME OF PACKAGE:		150T/40T/10T DOUBLE GIRDER EOT CRANE			
TECHNICAL SPECIFICATION:		PE-TS-406-501-A501			
S. No.	DESCRIPTION	UNIT	QTY	UNIT EX-WORKS	TOTAL EX-WORKS
	<b>BROAD BREAK-UP OF S.N. 2.1 OF MAIN SHEET ARE AS A.0 BELOW</b>				
A.0	Total lump sum firm price for SUPPLY part comprising of design (i.e. preparation and submission of drawing /documents including "As Built" drawings and O&M manuals), engineering, manufacture, fabrication, assembly, inspection / testing at vendor's & sub-vendor's works, painting, maintenance tools & tackles, DSL and gantry rail complete with all accessories, spares for erection, startup and commissioning as required, fill of lubricants & consumables, forwarding, proper packing, shipment and delivery as per conditions mentioned in NIT including warranty of crane for project and package complete with all accessories for 150T/40T/10T capacity double girder EOT crane with 28.8 M lift of main hook, 38.5 M lift of aux hook, 26.4 M lift of Monorail hoist 19.05 M span, 239 M bay length (112.5M for power house I & 126.5M for power house II) for Power House as defined in BHEL NIT & tender technical specification, amendment & agreements till placement of order.	nos.	2		
1.0	<b>MAJOR BREAK-UP OF PRICES GIVEN IN A.0 ABOVE</b>				
1.1	Total lump sum firm price for SUPPLY part comprising of design (i.e. preparation and submission of drawing /documents including "As Built" drawings and O&M manuals), engineering, manufacture, fabrication, assembly, inspection / testing at vendor's & sub-vendor's works, painting, maintenance tools & tackles, fill of lubricants & consumables along with all accessories and spares for erection, start up and commissioning as required, forwarding, proper packing and delivery as per conditions mentioned in NIT including warranty of crane for the total scope defined as per BHEL NIT & tender technical specification (PE-TS-406-501-A501), amendment & agreements till placement of order for - <b>150T/40T/10T capacity double girder EOT crane with 28.8 M lift of main hook, 38.5 M lift of aux hook, 26.4 M lift of Monorail hoist with 19.05 M span for each Power House</b>	nos.	2		
1.2	Total lump sum firm price for SUPPLY part comprising of design (i.e. preparation and submission of drawing /documents including "As Built" drawings and O&M manuals), engineering, manufacture, fabrication, assembly, inspection / testing at vendor's & sub-vendor's works, painting, forwarding, proper packing and delivery as per conditions mentioned in NIT including warranty as per BHEL NIT & tender technical specification (PE-TS-406-501-A501), amendment & agreements till placement of order for - <b>PVC shrouded bus bar type DSL for 239m baylength(112.5M for power house I &amp; 126.5M for power house II)</b>	set	1		
1.3	Total lump sum firm price for SUPPLY part comprising of design (i.e. preparation and submission of drawing /documents including "As Built" drawings and O&M manuals), engineering, manufacture, fabrication, assembly, inspection / testing at vendor's & sub-vendor's works, painting, forwarding, proper packing and delivery as per conditions mentioned in NIT including warranty as per BHEL NIT & tender technical specification (PE-TS-406-501-A501), amendment & agreements till placement of order for - <b>Gantry rail for 239 m baylength (112.5M for power house I &amp; 126.5M for power house II)</b>	set	1		
1.4	Total lump sum firm price for SUPPLY part comprising of design (i.e. preparation and submission of drawing /documents including "As Built" drawings and O&M manuals), engineering, manufacture, fabrication, assembly, inspection / testing at vendor's & sub-vendor's works, painting, forwarding, proper packing and delivery as per conditions mentioned in NIT including warranty as per BHEL NIT & tender technical specification (PE-TS-406-501-A501), amendment & agreements till placement of order for - <b>Temporary cable (85 m for each power house) for operation of crane during erection stage of the plant</b>	set	1		

1.5	Total lump sum firm price inclusive of all prevailing taxes, duties and other levies for SUPPLY part comprising of design (i.e. preparation and submission of drawing /documents including "As Built" drawings and O&M manuals), engineering, manufacture, fabrication, assembly, inspection / testing at vendor's & sub-vendor's works, painting along with all accessories forwarding, proper packing, shipment and delivery as per SCC including warranty for <b>Power cable from board to Isolation switch of the crane (50-80 m for each power house)</b> for the total scope defined as per BHEL NIT & tender technical specification, amendment & agreements till placement of order.	set	1		
1.6	Total lump sum firm price for SUPPLY part comprising of design (i.e. preparation and submission of drawing /documents including "As Built" drawings and O&M manuals), engineering, manufacture, fabrication, assembly, inspection / testing at vendor's & sub-vendor's works, painting, forwarding, proper packing and delivery as per conditions mentioned in NIT including warranty as per BHEL NIT & tender technical specification (PE-TS-406-501-A501), amendment & agreements till placement of order for - <b>Cradle for load testing of crane along with slings for load/ overload testing.</b>	Set	1		
1.7	Total lump sum firm price inclusive of all prevailing taxes, duties and other levies for SUPPLY part comprising of design (i.e. preparation and submission of drawing /documents including "As Built" drawings and O&M manuals), engineering, manufacture, fabrication, assembly, inspection / testing at vendor's & sub-vendor's works, painting along with all accessories forwarding, proper packing, shipment and delivery as per SCC including warranty for <b>5 pair of slings</b> as per tender technical specification (PE-TS-406-501-A501) for the total scope defined as per BHEL NIT & tender technical specification, amendment & agreements till placement of order.	Set	1		
1.8	Total lump sum firm price for SUPPLY part comprising of design (i.e. preparation and submission of drawing /documents including "As Built" drawings and O&M manuals), engineering, manufacture, fabrication, assembly, inspection / testing at vendor's & sub-vendor's works, painting, forwarding, proper packing and delivery as per conditions mentioned in NIT including warranty as per BHEL NIT & tender technical specification (PE-TS-406-501-A501), amendment & agreements till placement of order for - <b>Maintenance tools and tackles</b>	no.	1		

**GRAND TOTAL**

Note:  
 1) Bidder to note that there shall be no implication with reference to change of lift upto (+/-) 1000 mm  
 2) PG to consider and suitably incorporate taxes, duties and other commercial aspects.  
 3) Bidder to quote the Prices in 'figures' along with corresponding 'words'.  
 4) In case of any variation in quantity during detailed engineering, same shall be adjusted as per unit rate quoted by bidder.

ANNEXURE-II		Doc No:	PE-PF-406-501-A501		
		Rev No:	0		
		Date of issue	Jan-22		
<b>NAME OF PROJECT:</b>		<b>206 MW SHAHPURKANDI HEP</b>			
<b>NAME OF PACKAGE:</b>		<b>150T/40T/10T DOUBLE GIRDER EOT CRANE</b>			
<b>TECHNICAL SPECIFICATION:</b>		<b>PE-TS-406-501-A501</b>			
S. No.	DESCRIPTION	UNIT	QTY	UNIT EX-WORKS	TOTAL EX-WORKS
	<b>BROAD BREAK-UP OF S.N. 2.2 OF MAIN SHEET ARE AS A.0 BELOW</b>				
<b>A.0</b>	Total Lump sum price for SERVICE part for 150T/40T/10T capacity double girder EOT crane with 28.8 M lift of main hook, 38.5 M lift of aux hook, 26.4 M lift of Monorail hoist 19.05 M span, 239 M bay length (112.5M for power house I & 126.5M for power house II) for Power House comprising of unloading, handling, transportation & storage at site, in-site transportation, assembly, erection & commissioning, trial run at site, and carrying out performance guarantee/ Functional/ Demonstration tests at site (As applicable) for cranes for project and package complete with all accessories for the total scope defined as per BHEL NIT & tender technical specification, amendment & agreements till placement of order.	nos.	2		
<b>1.0</b>	<b>MAJOR BREAK-UP OF PRICES GIVEN IN A.0 ABOVE</b>				
1.1	Total lump sum firm price for E&C for <b>150T/40T/10T capacity double girder EOT crane with 28.8 M lift of main hook, 38.5 M lift of aux hook, 26.4 M lift of Monorail hoist with 19.05 M span for each Power House with temporary cable, incoming power cable, Load / Overload test etc.</b> for the total scope defined as per BHEL NIT & tender technical specification, amendment & agreements till placement of order.	nos.	2		
1.2	Total lump sum firm price for <b>E&amp;C of DSL FOR 239 M BAYLENGTH (112.5M for power house I &amp; 126.5M for power house II)</b> as per conditions mentioned in NIT including warranty of crane for the total scope defined as per BHEL NIT & tender technical specification (PE-TS-406-501-A501), amendment & agreements till placement of order for - <b>150T/40T/10T capacity double girder EOT crane with 19.05 M span for Power House</b>	set	1		
1.3	Total lump sum firm price for <b>E&amp;C of RAIL FOR 239 M BAYLENGTH (112.5M for power house I &amp; 126.5M for power house II)</b> as per conditions mentioned in NIT including warranty of crane for the total scope defined as per BHEL NIT & tender technical specification (PE-TS-406-501-A501), amendment & agreements till placement of order for - <b>150T/40T/10T capacity double girder EOT crane with 19.05 M span for Power House</b>	set	1		
<b>GRAND TOTAL</b>					
Note:					
1) PG to consider and suitably incorporate taxes, duties and other commercial aspects.					
2) Bidder to quote the Prices in 'figures' along with corresponding 'words'.					
3) In case of any variation in quantity during detailed engineering, same shall be adjusted as per unit rate quoted by bidder.					

ANNEXURE III: PRICE BREAKUP FOR MAINTENANCE SERVICES					
NAME OF PROJECT:		206 MW SHAHPURKANDI HEP	Doc No:	PE-PF-406-501-A501	
NAME OF PACKAGE:		150T/40T/10T DOUBLE GIRDER EOT CRANE	Rev No:	0	
TECHNICAL SPECIFICATION:		PE-TS-406-501-A501	Date of issue	Jan-22	
S. No.	DESCRIPTION	UNIT	QTY	UNIT PRICE	TOTAL PRICE
<b>BROAD BREAK-UP OF S.N. 2.3 OF MAIN SHEET ARE AS A.0 BELOW</b>					
A.0	Total lumpsum firm price for <b>MAINTENANCE SERVICE</b> including manpower, consumables, wear/tear parts etc. for crane after load/ overload testing with all accessories for the total scope defined as per BHEL NIT & tender technical specification, amendment & agreements till placement of order.				
1.0	<b>Break Up Prices of 1.0</b>				
1.1	Total lump sum prices for total <b>visits</b> (should include travel expenses to/ fro site, lodging, boarding and for approx 3-5 days of stay at site with required consumables & replacment of wear/ tear parts for <b>Maintenance services for 2 nos. of Double Girder Cranes for Power House</b> for the total scope defined as per BHEL NIT & tender technical specification, amendment & agreements till placement of order.	Nos.	6		
<p>Note:</p> <p>1. No. of Visits for maintenance service may vary depending on site requirement. Any variation in no. of visits shall be exercised based on unit rate arrived from S.N. 2.1 above respectively.</p> <p>2. Bidder to quote the Prices in 'figures' along with corresponding 'words'.</p> <p>3. Replacment of spares/ lubrication which shall damage due to wear &amp; tear or requires periodic replacement during operation of cranes are to considered under the scope of Maintenance Services by bidder. Details of damaged components which shall be conveyed by Site office to successful bidder for supply before their planned visit. Cost of any items which requires replacement as per warranty condition are to considered under <b>SUPPLY PART (Annexure-I)</b> as per details mentioned in BHEL NIT &amp; tender technical specification, amendment &amp; agreements till placement of order.</p> <p>4) If case of any variation in quantity during detailed engineering, same shall be adjusted as per unit rate quoted by bidder</p>					