

MAIN PRICE SCHEDULE

NAME OF BIDDER:													
NAME OF PROJECT:		2x660MW TALCHER TPP STAGE-III											
NAME OF PACKAGE:		DOUBLE GIRDER EOT CRANES (UPTO 100T CAPACITY)											
TECHNICAL SPECIFICATION:		PE-TS-497-501-A502											
S. No.	DESCRIPTION	UNIT	QTY	Supply			Service		Taxes			Total Price Including Freight & GST (INR)	Total Price Including Freight & GST (INR) in words
				Total Ex-Works (excluding GST) (INR)	Freight in %	Total Freight	Unit Price (INR)	Total Price (INR)	GST type	GST rate in %	GST amount in Rs.		
1.0	Total lump sum firm price inclusive of all prevailing taxes, duties and other levies for SUPPLY PART, SERVICE PART & MANDATORY SPARES 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, mandatory spares alongwith spares for erection,startup and commissioning as required, forwarding, proper packing, shipment and delivery at site, 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) & final handing over to end customer in flawless condition of crane(s) for project and package specified above complete with all accessories for the total scope defined as per BHEL NIT & tender technical specification, amendment & agreements till placement of order.	Lot	1										
2.0	MAJOR BREAK-UP OF PRICES GIVEN IN 1.0 ABOVE												
2.1	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, e-learning module, maintenance tools & tackles, spares for erection, startup and commissioning as required, fill of lubricants & consumables, forwarding, proper packing, shipment and delivery at site for project and package complete with all accessories for the total scope defined as per BHEL NIT & tender technical specification (PE-TS-497-501-A502), amendment & agreements till placement of order. (Price break up is to be furnished as per Annexure- I).	Lot	1										
2.2	Total lump sum firm price inclusive of all prevailing taxes, duties and other levies for SERVICE part 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) of crane(s) for project and package complete with all accessories for the total scope defined as per BHEL NIT & tender technical specification (PE-TS-497-501-A502), amendment & agreements till placement of order. (Price break up is to be furnished as per Annexure- II).	Lot	1										
2.3	Total lumpsum firm price inclusive of all prevailing taxes, duties and other levies for Mandatory spares comprising of manufacture, fabrication, assembly, inspection / testing at vendor's & sub-vendor's works, painting, forwarding, proper packing, shipment, delivery at site & guarantee as per tender technical specification (PE-TS-497-501-A502)above, amendment & agreements till placement of order. (Price break up of mandatory spares is to be furnished as per Annexure- III)	Lot	1										

Note

- 1) Bidder to note that there shall be no implication with reference to change of lift upto (+/-) 1000 mm & span upto (+/-) 500 mm as indicated in CCD.
- 2) Bidder to quote the Prices in 'figures' along with corresponding 'words'.

**PRICE SCHEDULE
ANNEXURE-III
LIST OF MANDATORY SPARES**

NAME OF PROJECT:		2x660MW TALCHER TPP STAGE-III	
NAME OF PACKAGE:		DOUBLE GIRDER EOT CRANES (UPTO 100T CAPACITY)	
TECHNICAL SPECIFICATION:		PE-TS-497-501-A502	
The bidder shall include in their offer, on basis of technical specification, the mandatory spares as applicable for their design.			
SI No.	Description of the Equipment/Package Name	Quantity to be supplied for the Package	Total Ex-Works Price (INR)
A	BFP EOT CRANES		
1	Mechanical:		
(a)	Bearings for long travel wheels	1Set (Requirement for one Crane)	
(b)	Bearings for cross travel wheels	1Set (Requirement for one Crane)	
(c)	Bearings for Gear Boxes for each type of Hoist & travel (Main and aux Hoist (if applicable), LT and CT travel))	1 Set (Requirement for one Crane)	
(d)	Brake Liner for all the brakes (main and aux hoist (if applicable) ,LT and Ct travel))	2 Sets (Requirement for two Crane)	
(e)	Hydraulic thruster for all Brakes (Main and aux hoist (if applicable), CT and LT travel)	1 Set (Requirement for one Crane)	
(f)	Oil Seals (both main and aux hoist (if applicable), CT and LT)	2 Sets (Requirement for two Crane)	
(g)	Brake springs for all brakes (both main and aux hoist (if applicable), LT and CT travel)	1 Set (Requirement for one Crane)	
(h)	Wire Rope for Aux. Hook (if applicable)	1 No	
2	Electrical:		
i)	Solenoid Coils for Brakes	2 sets	
ii)	MCBs/MCCBS/Fuse links for the whole crane	1 set	
iii)	Contactors and overload Relays for Motors of the EOT	1 set of each type, size & rating	
iv)	Timers of each type, size & rating	1 set	
v)	Limit Switches for		
a	Main Hoist	1 set	
b	Aux. Hoist	1 set	
c	Cross Travel	1 set	
d	Long Travel	1 set	
vi)	Master Controller for Aux. Hoist	1 set each	
vii)	Drive for MH, AH, CT<	1 no. of each type& rating	
B	CWPH EOT CRANE		
I	MECHANICAL		
a)	Bearings for long travel wheels	1 set	
b)	Bearings for cross travel wheels	1 set	
c)	Brake liners for all the Brakes	1 set	
d)	Hydraulic thrusters for Brakes	1 set	
e)	Wire rope for Crane	1 length	
f)	Electrical Items of Crane		
i)	Carbon brushes and brush holders for motors	1 set of each rating/Size	
ii)	Solenoid coils for all brakes	1 set of each rating/Size	
iii)	Overload relays for motors	1 set of each rating/Size	
iv)	Set of fuses	1 set	
v)	Limit switches for main hoist, long travel & Cross travel	1 set	
II	ELECTRICAL		
a)	Solenoid Coils for Brakes	2 sets	
b)	MCBs/MCCBS/Fuse links for the whole crane	1 set	
c)	Contactors and overload Relays	1 set of each type, size & rating	
d)	Motors of the EOT	1 set of each type, size & rating	
e)	Timers of each type, size & rating	1 set	
f)	Limit Switches for		
f.1	Main Hoist	1 set	
f.2	Aux. Hoist	1 set	
f.3	Cross Traverse	1 set	
f.4	Long Travel	1 set	
g	Carbon brushes & brush holders	1 set	
h	Master Controller for Aux. Hoist,	NA	
i	Resistance Box	1 No of each type.	
NOTES:			
1	Bidder to refer Notes in Annexure-II of Technical Specification.		
2	Any variation in quantity of items during detail engineering shall be adjusted based on prices quoted above against each item.		

**PRICE SCHEDULE
ANNEXURE-II**

NAME OF PROJECT:		2x660MW TALCHER TPP STAGE-III		
NAME OF PACKAGE:		DOUBLE GIRDER EOT CRANES (UPTO 100T CAPACITY)		
TECHNICAL SPECIFICATION:		PE-TS-497-501-A502		
S. No.	DESCRIPTION	UNIT	QTY	Total Ex-Works Price (INR)
A.0	Total lump sum firm price inclusive of all prevailing taxes, duties and other levies for SERVICE part of TG Hall-BC Bay Crane 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) of crane(s) 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.0	Total lump sum firm price inclusive of all prevailing taxes, duties and other levies for SERVICE part of CWPB Crane 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) of crane(s) 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.	No.	1	
C.0	Total lump sum firm price inclusive of all prevailing taxes, duties and other levies for SERVICE part of ELECTRICAL WORKSHOP Crane 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) of crane(s) 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.	No.	1	
D.0	Total lump sum firm price inclusive of all prevailing taxes, duties and other levies for SERVICE part of MECHANICAL WORKSHOP Crane 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) of crane(s) 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.	No.	1	

1.0	MAJOR BREAK-UP OF PRICES GIVEN IN A.0 ABOVE-TG HALL-BC BAY CRANE			
1.1	Total lump sum firm price inclusive of all prevailing taxes, duties and other levies for SERVICE part 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) of crane(s) for project and package complete with all accessories for 35T capacity double girder EOT crane with 12.9 M lift of main hook, 9M span as per technical specification .	Lot	2	
1.2	Total lump sum firm price inclusive of all prevailing taxes, duties and other levies for SERVICE part comprising of unloading, handling, transportation & storage at site, in-site transportation, assembly, erection & commissioning of PVC shrouded bus bar type DSL for 42 M bay length complete with all accessories for the total scope defined as per technical specification .	Lot	2	
1.3	Total lump sum firm price inclusive of all prevailing taxes, duties and other levies for SERVICE part comprising of unloading, handling, transportation & storage at site, in-site transportation, assembly, erection & commissioning of 42 M bay length Gantry rail complete with all accessories for the total scope defined as per technical specification .	Lot	2	
2.0	MAJOR BREAK-UP OF PRICES GIVEN IN B.0 ABOVE-CWPH CRANE			
2.1	Total lump sum firm price inclusive of all prevailing taxes, duties and other levies for SERVICE part 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) of crane(s) for project and package complete with all accessories for 60T capacity double girder EOT crane with 22.8 M lift of main hook, 12.25 M span as per technical specification .	Lot	1	
2.2	Total lump sum firm price inclusive of all prevailing taxes, duties and other levies for SERVICE part comprising of unloading, handling, transportation & storage at site, in-site transportation, assembly, erection & commissioning of PVC shrouded bus bar type DSL for 42.5 M bay length complete with all accessories for the total scope defined as per technical specification .	Lot	1	
2.3	Total lump sum firm price inclusive of all prevailing taxes, duties and other levies for SERVICE part comprising of unloading, handling, transportation & storage at site, in-site transportation, assembly, erection & commissioning of 42.5 M bay length Gantry rail complete with all accessories for the total scope defined as per technical specification .	Lot	1	
3.0	MAJOR BREAK-UP OF PRICES GIVEN IN B.0 ABOVE-ELECTRICAL WORKSHOP CRANE			
3.1	Total lump sum firm price inclusive of all prevailing taxes, duties and other levies for SERVICE part 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) of crane(s) for project and package complete with all accessories for 45T capacity double girder EOT crane with 6.5 M lift of main hook, 17 M span as per technical specification	Lot	1	
3.2	Total lump sum firm price inclusive of all prevailing taxes, duties and other levies for SERVICE part comprising of unloading, handling, transportation & storage at site, in-site transportation, assembly, erection & commissioning of PVC shrouded bus bar type DSL for 50 M bay length complete with all accessories for the total scope defined as per technical specification .	Lot	1	
3.3	Total lump sum firm price inclusive of all prevailing taxes, duties and other levies for SERVICE part comprising of unloading, handling, transportation & storage at site, in-site transportation, assembly, erection & commissioning of 50 M bay length Gantry rail complete with all accessories for the total scope defined as per technical specification .	Lot	1	
4.0	MAJOR BREAK-UP OF PRICES GIVEN IN B.0 ABOVE-MECHANICAL WORKSHOP CRANE			
4.1	Total lump sum firm price inclusive of all prevailing taxes, duties and other levies for SERVICE part 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) of crane(s) for project and package complete with all accessories for 10T capacity double girder EOT crane with 5.5 M lift of main hook, 17.2 M span as per technical	Lot	1	
4.2	Total lump sum firm price inclusive of all prevailing taxes, duties and other levies for SERVICE part comprising of unloading, handling, transportation & storage at site, in-site transportation, assembly, erection & commissioning of PVC shrouded bus bar type DSL for 50 M bay length complete with all accessories for the total scope defined as per technical specification .	Lot	1	
4.3	Total lump sum firm price inclusive of all prevailing taxes, duties and other levies for SERVICE part comprising of unloading, handling, transportation & storage at site, in-site transportation, assembly, erection & commissioning of 50 M bay length Gantry rail complete with all accessories for the total scope defined as per technical specification .	Lot	1	
Note 1) Bidder to note that there shall be no implication with reference to change of lift upto (+/-) 1000 mm & span upto (+/-) 500 mm as indicated in CCD. 2) Any variation in length of DSL/rail due to change in bay length will be adjusted based on unit rates arrived from 1.2,1.3, 2.2,2.3, 3.2, 3.3, 4.2 & 4.3 above.				

**PRICE SCHEDULE
ANNEXURE-I**

NAME OF PROJECT:	2x660MW TALCHER TPP STAGE-III
NAME OF PACKAGE:	DOUBLE GIRDER EOT CRANES (UPTO 100T CAPACITY)
TECHNICAL SPECIFICATION:	PE-TS-497-501-A502

S. No.	DESCRIPTION	UNIT	QTY	Total Ex-Works Price (INR)
A.0	Total lump sum firm price inclusive of all prevailing taxes, duties and other levies for SUPPLY part of TG Hall-BC Bay Crane 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, e-learning module, maintenance tools & tackles, spares for erection, startup and commissioning as required, fill of lubricants & consumables, forwarding, proper packing, shipment and delivery at site 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.0	Total lump sum firm price inclusive of all prevailing taxes, duties and other levies for SUPPLY part of CWPH Crane 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, spares for erection, startup and commissioning as required, fill of lubricants & consumables, forwarding, proper packing, shipment and delivery at site 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.	No.	1	
C.0	Total lump sum firm price inclusive of all prevailing taxes, duties and other levies for SUPPLY part of ELECTRICAL WORKSHOP CRANE 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, spares for erection, startup and commissioning as required, fill of lubricants & consumables, forwarding, proper packing, shipment and delivery at site 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.	No.	1	
D.0	Total lump sum firm price inclusive of all prevailing taxes, duties and other levies for SUPPLY part of MECHANICAL WORKSHOP Crane 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, spares for erection, startup and commissioning as required, fill of lubricants & consumables, forwarding, proper packing, shipment and delivery at site 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.	No.	1	
1.0	MAJOR BREAK-UP OF PRICES GIVEN IN A.0 ABOVE- TG HALL-BC BAY CRANE			
1.1	Total lump sum firm price inclusive of all prevailing taxes, duties and other levies for SUPPLY part of 35T capacity TG Hall-BC Bay double girder EOT crane with 12.9M lift of main hook, 9 M span 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, e-learning module, maintenance tools & tackles, spares for erection, startup and commissioning as required, fill of lubricants & consumables, forwarding, proper packing, shipment and delivery at site for project and package complete with all accessories, as defined in BHEL technical specification	nos.	2	
1.2	Total lumpsum firm price for design, engineering, manufacturing, inspection and testing, painting, supply/delivery duly packed at project site including freight in line with drawings/ documents/ test procedures approved by BHEL/Customer for PVC shrouded bus bar type DSL for 42 M bay length complete with all accessories for the total scope defined as per technical specification .	set	2	
1.3	Total lumpsum firm price for design, engineering, manufacturing, inspection and testing, painting, supply/delivery duly packed at project site including freight in line with drawings/ documents/ test procedures approved by BHEL/Customer for 42 M bay length Gantry rail complete with all accessories for the total scope defined as per technical specification	set	2	
1.4	Total lumpsum firm price for design, engineering, manufacturing, inspection and testing, painting, supply/delivery duly packed at project site including freight in line with drawings/ documents/ test procedures approved by BHEL/Customer for temporary cable (half of the baylength+25m) for operation of crane during erection stage of the plant for the total scope defined as per technical specification.	set	2	
1.5	Total lumpsum firm price for supply/delivery duly packed at project site including freight in line with drawings/ documents/ test procedures approved by BHEL/Customer for maintenance tools & tackles as per technical specification .	set	2	
2.0	MAJOR BREAK-UP OF PRICES GIVEN IN B.0 ABOVE-CWPH CRANE			
2.1	Total lump sum firm price inclusive of all prevailing taxes, duties and other levies for SUPPLY part of 60T capacity CWPH double girder EOT Crane with 22.8 M lift of main hook, 12.25 M span 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, spares for erection, startup and commissioning as required, fill of lubricants & consumables, forwarding, proper packing, shipment and delivery at site for project and package complete with all accessories as defined in BHEL technical specification.	no.	1	
2.2	Total lumpsum firm price for design, engineering, manufacturing, inspection and testing, painting, supply/delivery duly packed at project site including freight in line with drawings/ documents/ test procedures approved by BHEL/Customer for PVC shrouded bus bar type DSL for 42.5 M bay length complete with all accessories for the total scope defined as per technical specification .	set	1	
2.3	Total lumpsum firm price for design, engineering, manufacturing, inspection and testing, painting, supply/delivery duly packed at project site including freight in line with drawings/ documents/ test procedures approved by BHEL/Customer for 42.5 M bay length Gantry rail complete with all accessories for the total scope defined as per technical specification .	set	1	
2.4	Total lumpsum firm price for design, engineering, manufacturing, inspection and testing, painting, supply/delivery duly packed at project site including freight in line with drawings/ documents/ test procedures approved by BHEL/Customer for temporary cable (half of the baylength+25m) for operation of crane during erection stage of the plant for the total scope defined as per technical specification.	set	1	
2.5	Total lumpsum firm price for supply/delivery duly packed at project site including freight in line with drawings/ documents/ test procedures approved by BHEL/Customer for maintenance tools & tackles as per technical specification .	set	1	
3.0	MAJOR BREAK-UP OF PRICES GIVEN IN C.0 ABOVE-ELECTRICAL WORKSHOP CRANE			
3.1	Total lump sum firm price inclusive of all prevailing taxes, duties and other levies for SUPPLY part of 45T capacity 17ELECTRICAL WORKSHOP double girder EOT Crane with 6.5M lift of main hook, 17 M span 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, spares for erection, startup and commissioning as required, fill of lubricants & consumables, forwarding, proper packing, shipment and delivery at site for project and package complete with all accessories as defined in BHEL technical specification.	no.	1	
3.2	Total lumpsum firm price for design, engineering, manufacturing, inspection and testing, painting, supply/delivery duly packed at project site including freight in line with drawings/ documents/ test procedures approved by BHEL/Customer for PVC shrouded bus bar type DSL for 50 M bay length complete with all accessories for the total scope defined as per technical specification .	set	1	

3.3	Total lumpsum firm price for design, engineering, manufacturing, inspection and testing, painting, supply/delivery duly packed at project site including freight in line with drawings/ documents/ test procedures approved by BHEL/Customer for 50 M bay length Gantry rail complete with all accessories for the total scope defined as per technical specification .	set	1	
3.4	Total lumpsum firm price for supply/delivery duly packed at project site including freight in line with drawings/ documents/ test procedures approved by BHEL/Customer for maintenance tools & tackles as per technical specification .	set	1	
4.0	MAJOR BREAK-UP OF PRICES GIVEN IN C.0 ABOVE-MECHANICAL WORKSHOP CRANE			
4.1	Total lump sum firm price inclusive of all prevailing taxes, duties and other levies for SUPPLY part of 10T capacity MECHANICAL WORKSHOP double girder EOT Crane with 5 M lift of main hook, 17.2 M span 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, spares for erection, startup and commissioning as required, fill of lubricants & consumables, forwarding, proper packing, shipment and delivery at site for project and package complete with all accessories as defined in BHEL technical specification.	no.	1	
4.2	Total lumpsum firm price for design, engineering, manufacturing, inspection and testing, painting, supply/delivery duly packed at project site including freight in line with drawings/ documents/ test procedures approved by BHEL/Customer for PVC shrouded bus bar type DSL for 50 M bay length complete with all accessories for the total scope defined as per technical specification .	set	1	
4.3	Total lumpsum firm price for design, engineering, manufacturing, inspection and testing, painting, supply/delivery duly packed at project site including freight in line with drawings/ documents/ test procedures approved by BHEL/Customer for 50 M bay length Gantry rail complete with all accessories for the total scope defined as per technical specification .	set	1	
4.4	Total lumpsum firm price for supply/delivery duly packed at project site including freight in line with drawings/ documents/ test procedures approved by BHEL/Customer for maintenance tools & tackles as per technical specification .	set	1	

Note

- 1) Bidder to note that there shall be no implication with reference to change of lift upto (+/-) 1000 mm & span upto (+/-) 500 mm as indicated in CCD.
- 2) Any variation in length of DSL/rail due to change in bay length will be adjusted based on unit rates arrived from 1.2, 1.3, 2.2, 2.3, 3.2, 3.3, 4.2 & 4.3 above.