

SUGGESTED PRICE FORMAT		Doc No:	PE-PF-414-501-A002		
		Rev No:	0		
		Date of issue	6-Oct-2020		
NAME OF PROJECT:		3X40 MW RAMMAM STAGE-III HYDRO ELECTRIC PROJECT			
NAME OF PACKAGE:		DOUBLE GIRDER EOT CRANES UPTO 100T CAPACITY			
TECHNICAL SPECIFICATION:		PE-TS-414-501-A002			
Sl. No.	DESCRIPTION	UNIT	QTY	AMOUNT (Ex-Works)	
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, carrying out performance guarantee/Functional/Demonstration tests at site , training of customer/client O&M staff & final handing over to end customer in flawless condition of crane for project package specified above complete with all accessories for the total scope defined as per BHEL's NIT & tender technical specification PE-TS-414-501-A002, 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, 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 package specified above complete with all accessories for the total scope defined as per BHEL's NIT & tender technical specification PE-TS-414-501-A002, amendment & agreements till placement of order. (Price break up 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, training of customer/client O&M staff & final handing over to end customer in flawless condition for project package specified above complete with all accessories for the total scope defined as per BHEL's NIT & tender technical specification PE-TS-414-501-A002, amendment & agreements till placement of order. (Price break up 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 BHEL's NIT & tender technical specification PE-TS-414-501-A002, amendment & agreements till placement of order. (Price break up to be furnished as per Annexure- III).	Lot	1		
Note: 1) Bidder to note that there shall be no implication for change of span &/or lift upto (+/-) 500 mm. 2) PG to incorporate taxes, duties and other commercial aspects. 3) Bidder to quote the Prices in ‘figures’ along with corresponding ‘words’.					
Particulars of bidder / authorised representative					
Name	Designation	Signature	Date	Company Seal	

**SUGGESTED PRICE FORMAT
ANNEXURE-I**

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NAME OF PROJECT:		3X40 MW RAMMAM STAGE-III HYDRO ELECTRIC PROJECT		
NAME OF PACKAGE:		DOUBLE GIRDER EOT CRANES UPTO 100T CAPACITY		
TECHNICAL SPECIFICATION:		PE-TS-414-501-A002		
Sl. No.	DESCRIPTION	UNIT	QTY	AMOUNT (Ex-Works)
A.0	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, maintenance tools & tackles, fill of lubricants & consumables, spares for erection, startup and commissioning as required, , forwarding, proper packing, shipment and delivery at site of One (1) no. 50/10T capacity x 8.3m span, 9m lift of Main hook , 9.5m lift of Aux. hook , Double Girder EOT crane for Butterfly valve (BFV) house with One (1) no. 5T capacity x 8m lift wire rope electric hoist running on ISMB below one bridge girder, PVC shrouded conductor bus bar type DSL, gantry rail ,end stoppers & sole plates for 13.7m baylength complete with all accessories including all consumables like welding electrodes, oil , grease, paints etc alongwith Five (5) pairs of wire rope slings for project package specified above for the total scope defined as per BHEL's NIT & tender technical specification PE-TS-414-501-A002, amendment & agreements till placement of order.	no.	1	
1.0	MAJOR BREAK-UP OF PRICES GIVEN IN A.0 ABOVE			
a)	Total lumpsum firm price for 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, spares for erection, startup and commissioning as required, , forwarding, proper packing, shipment and delivery at site of One (1) no. 50/10T capacity x 8.3 m span, 9m lift of Main hook , 9.5m lift of Aux. hook , Double Girder EOT crane for BFV house with one (1) no. 5T capacity x 8 m lift wire rope electric hoist running on ISMB below one bridge girder complete with all accessories.	no.	1	
b)	Total lumpsum firm price for 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, shipment and delivery at site of PVC shrouded conductor bus bar type DSL for 13.7 M bay length complete with all accessories.	set	1	
c)	Total lumpsum firm price for 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, shipment and delivery at site of Gantry rail along with alignment blocks, clamps etc for 13.7 M bay length complete with all accessories.	set	1	
d)	Total lumpsum firm price for 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, shipment and delivery at site of Sole plate for Gantry rail & end stoppers with accessories of DSL fixing for 13.7 M bay length. (Refer clause 1.1.3 (g) & (m) ,Sub section IA of Technical Specification PE-TS-414-501-A002 for Scope and exclusions)	set	1	
e)	Total lump sum firm price for 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, shipment and delivery at site of 3.5 Core Power copper flexible cable 35m long of suitable size as per load calculation for commissioning & testing of EOT Crane till charging of complete DSL .	set	1	

f)	Lump sum firm price for 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, shipment and delivery at site of Five (5) pair of slings consisting of 5T, 10T, 20T, 30T & 50T capacity & each of 10 meter length along with suitable storage rack/s.	lot	1	
g)	Lump sum firm price for 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, shipment and delivery at site of One (1) Set of Maintenance tools and tackles.	set	1	
Note: 1) Bidder to note that there shall be no implicationfor change of span &/ or lift upto (+/-) 500 mm. 2) PG to incorporate taxes, duties and other commercial aspects. 3) Bidder to quote the Prices in ‘figures’ along with corresponding ‘words’. 4) Any variation in length of DSL/Rail due to change in bay length will be adjusted based on unit rates arrived from 1.1 (b) & 1.1(c) above				
Particulars of bidder / authorised representative				
Name	Designation	Signature	Date	Company Seal

SUGGESTED PRICE FORMAT ANNEXURE-II		Doc No:	PE-PF-414-501-A002	
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NAME OF PROJECT:		3X40 MW RAMMAM STAGE-III HYDRO ELECTRIC PROJECT		
NAME OF PACKAGE:		DOUBLE GIRDER EOT CRANES UPTO 100T CAPACITY		
TECHNICAL SPECIFICATION:		PE-TS-414-501-A002		
S. No.	DESCRIPTION	UNIT	QTY	AMOUNT (Ex-Works)
A.0	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, training of customer/client O&M staff & final handing over to end customer in flawless condition of One (1) no. 50/10T capacity x 8.3m span, 9m lift of Main hook , 9.5m lift of Aux. hook , Double Girder EOT crane for Butterfly valve (BFV) house with One (1) no. 5T capacity x 8m lift wire rope electric hoist running on ISMB below one bridge girder, PVC shrouded conductor bus bar type DSL, gantry rail and end stopper along with sole plates for 13.7m baylength complete with all accessories for project package specified above for the total scope defined as per BHEL's NIT & tender technical specification PE-TS-414-501-A002, amendment & agreements till placement of order.	Lot	1	
1.0	MAJOR BREAK-UP OF PRICES GIVEN IN A.0 ABOVE			
a)	Total lumpsum firm price for 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, training of customer/client O&M staff & final handing over to end customer in flawless condition for One (1) no. 50/10T capacity x 8.3 m span, 9m lift of Main hook , 9.5m lift of Aux. hook , Double Girder EOT crane for BFV house with one (1) no. 5T capacity x 8 m lift wire rope electric hoist running on ISMB below one bridge girder along with all other accessories.	no.	1	
b)	Total lumpsum firm price for 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, training of customer/client O&M staff & final handing over to end customer in flawless condition of PVC shrouded conductor bus bar type DSL for 13.7 M bay length complete with all accessories .	set	1	
c)	Total lumpsum firm price for 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, training of customer/client O&M staff & final handing over to end customer in flawless condition of Gantry rail along with alignment blocks, clamps etc for 13.7 M bay length complete with all accessories.	set	1	
d)	Total lumpsum firm price for 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, training of customer/client O&M staff & final handing over to end customer in flawless condition of Sole plate for Gantry rail & end stoppers with accessories of DSL fixing for 13.7 M bay length .(Refer clause 1.1.3 (g) & (m) ,Sub section IA of Technical Specification PE-TS-414-501-A002 for Scope and exclusions)	set	1	
e)	Lump sum price for 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, training of customer/client O&M staff & final handing over to end customer in flawless condition of 3.5 Core Copper flexible cable 60 m long of suitable size as per load calculation for commissioning & testing of EOT Crane till charging of complete DSL .	set	1	
Note: 1) PG to incorporate taxes, duties and other commercial aspects. 2) Bidder to quote the Prices in 'figures' along with corresponding 'words'. 3) Any variation in length of DSL/rail due to change in bay length will be adjusted based on unit rates arrived from 1.0 (b) & 1.0 (c) above.				
Name	Designation	Signature	Date	Company Seal

SUGGESTED PRICE FORMAT ANNEXURE-III LIST OF MANDATORY SPARES		Doc No:	PE-PF-414-501-A002	
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NAME OF PROJECT:		3 X 40 MW RAMMAM STAGE-III HYDRO ELECTRIC		
NAME OF PACKAGE:		DOUBLE GIRDER EOT CRANES UPTO 100T		
TECHNICAL SPECIFICATION:		PE-TS-414-501-A002		
Sl. No.	DESCRIPTION	UNIT	QTY	AMOUNT (Ex-Works)
A.0	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 BHEL's NIT & tender technical specification PE-TS-414-501-A002, amendment & agreements till placement of order.	Lot	1	
	BREAK-UP OF PRICES GIVEN IN A.0 ABOVE			
1	Bearing for			
1.1	Bridge travel wheels	no.	2	
1.2	Trolley wheels	no.	1	
1.3	Long travel motor	set	1	
1.4	Cross travel motor	set	1	
1.5	Main hoist motor	set	1	
1.6	Aux. hoist motor	set	1	
1.7	Rope drums	set	1	
1.8	Pulleys for main hoist	set	1	
1.9	Pulleys for aux. Hoist	set	1	
1.10	Pulleys for under slung hoist	set	1	
2	Pair of brake shoe / disc with lining for each size of brake used viz. D.C. operated Electro-mechanical of Hydraulic Thruster operated.			
2.1	Long travel motion	set	2	
2.2	Cross travel motion	set	2	
2.3	Main hoist	set	2	
2.4	Auxiliary hoist	set	2	
2.5	Under slung hoist	set	2	
3	Pair of brake linings with rivets or each size of brake used			
3.1	Long travel motion	set	2	
3.2	Cross travel motion	set	2	
3.3	Main hoist	set	2	
3.4	Auxiliary hoist	set	2	
3.5	Under slung hoist	set	2	
4	Main springs for each size of brake used			
4.1	Long travel motion	set	2	
4.2	Cross travel motion	set	2	
4.3	Main hoist	set	2	
4.4	Auxiliary hoist	set	2	
4.5	Under slung hoist	set	2	
5	Current collectors for DS.	no.	5	
6	Insulator for conductors support assembly	no.	6	
7	Limit switches	one of each type	1	
8	Thruster of each size used	no.	2	
9	Pair of oil seals for each gear box used	set	1	
10	Contactors of each size used	no.	1	
11	Fixed & Moving contacts of each size of contactors used	no.	1	
12	3 Nos. coils for each size of contactor used.			

12.1	Main hoist	set	2	
12.2	Auxiliary hoist	set	2	
12.3	Cross travel	set	2	
12.4	Long travel	set	2	
12.5	Under slung hoist	set	2	
13	3 Phase overload relay for each motor.	no.	2	
14	3 nos. fuse links of each size used on cranes	set	4	
15	1 printed circuit of each size and type	set	1	
16	Complete set of lamps for lighting and signals	set	2	
17	Rope for auxiliary hoist	set	1	
NOTES				
1	One Set is defined as the total number required for one crane.			
2	If any item is not applicable due to vendor's specific design, its equivalent spare/s shall be quoted.			
3	Mandatory spares listed above is bare minimum requirement. In case any additional mandatory spares requirement is covered elsewhere in the tender specification, same shall be deemed to have been covered in bidders scope of supply.			
4	Any item which quoted as “not applicable” in the above list and is found to be applicable at a later date shall be supplied by the Bidder without any extra cost.			
Particulars of bidder / authorised representative				
Name	Designation	Signature & company seal		