

Tender No.: HY/ PE&SD/ PUR/ RIL HM D and RIL DM D/ E.C-M ECH/ 001

VOLUME - II, Block-1

PRICE BID SPECIFICATION FOR BLOCK-1

PROJECT: 4X93.1 MW STG packages for CCPP project at RIL-HM D, Hazira

BHARAT HEAVY ELECTRICALS LIMITED

	TENDER NO.: HY/PE&SD/PUR/RIL HMD and RIL DMD/E.C-MECH/001 Project :: 4X93.1 MW STG packages for CCPP project at RIL-HMD, Hazira	REV00
	PRICE SCHEDULE FOR E&C(Mech) works of 4x93.1 MW STG packages at HMD, Hazira ::	
	Name of the Bidder ::	Price offer no and Date :
	NOTES ::	
1	This document details the price/payment schedule format for the enquiry. No other format will be entertained and evaluated.	
2	Duly signed & stamped unpriced price schedule format shall be submitted along with Technical offer by bidder as a token of his concurrence that his price schedule is to be submitted in this format & prices shall be offered for all the items appearing in this price format .	
3	Bidder shall fill up prices of all items and submit to BHEL in separate sealed cover. All prices shall be submitted including of all taxes, (except service tax, which is payable seperately. Please refer, chapter: VIII, Part - I of TCC for details)	
4	Unit rates would be used to arrive at final contract value.For payment purpose,final contract value will be as per clause 2.13 of GCC	
5	All the bills will be settled from BHEL, PE&SD, -Hyderabad only.	

Volume-II, Block - 1 Price Schedule	
TENDER NO.: HY/PE&SD/PUR/RIL HMD and RIL DMD/E.C-MECH/001	REV00
PROJECT ::4X93.1 MW STG packages for CCPP project at RIL-HMD, Hazira	
NAME OF THE BIDDER ::	PRICE OFFER No. & DATE ::

Part A:: Pre-engineered & Prefabricated store shed cum office, site development work & hiring of Porta cabin

Item No	Description	Unit Price(in Rs.) for 1(one) set (i)	Unit Price(in Rs.) for 1 (one) set in words	No. of Sets (ii)	Total Price (in Rs.(iii)=(i)x(ii))	Total Price(iii) in Words (Rs.)
A1	Design, manufacture, supply, erection, fit up & final painting etc. of 30m.(L) x 15m.(W)x5.25m.(Ht.) of Pre-engineered & Prefabricated store cum office shed as per technical specification, drawing & BOQ provided in chapter: II, Part-II of TCC			1		
A2	Site development works for approx. 6100 sq.m area including extended steel structure shed(approx. size 15.0m.(L)x6.0m.(W)x3.0m.(Ht.) for pantry, toilet & meeting room as per technical specification, drawing & BOQ provided in chapter: II, Part-II of TCC			1		
A3	Hiring charges of Porta Cabin(2 nos.) for a period of 21 months as per technical specification provided in chapter: III, Part-II of TCC			1		
Total price for store shed cum office (A) = A1+A2+A3						

Part B:: Erection, Testing,Insulation, Painting & Commissioning of Mechanical & Piping works

Item No	Description	Unit Price(in Rs.) for 1STG UNIT (i)	Unit Price(in Rs.) in words	No. of STG Units (ii)	Total Price (in Rs.(iii)=(i)x(ii))	Total Price(iii) in Words (Rs.)
B1	E&C * Price for Mechanical items			4		
B2	E&C * Price for AS-IBR Piping, Including supports			4		
B3	E&C * Price for CS- IBR Piping, Including supports			4		
B4	E&C * Price for CS-Non IBR Piping, Including supports			4		
B5	E&C * Price for SS Piping, , Including supports			4		
B6	Price for Insulation			4		

Item No	Description	Unit Price(in Rs.) for 1STG UNIT (i)	Unit Price(in Rs.) in words	No. of STG Units (ii)	Total Price (in Rs.(iii)=(i)x(ii))	Total Price(iii) in Words (Rs.)
B7	Price for Painting			4		
Total E&C price for project(B)						

* E&C: Erection & Commissioning

Part C:: Material Handling works

Sl.No	Description	Weight in Metric tons	Rate per Metric ton in words	Rate per Metric ton in figures	Total Price (C)	Total Price(C) in Words (Rs.)
C1	Price for Material handling(MH) consisting of receipt,unloading, storing & Preservation of materials	6806.3				
Total price for Material Handling works (C)						
Total Store/ office, E&C+ M H price till complete hand over to customer D= (A) + (B)+ (C) (In Figures)		Rs				
Total Store/ office, E&C & M H Price in Words		Rupees				

Notes:

- 1 Bidders shall quote for all items
- 2 Total price (D) = (A)+(B)+(C) shall be considered for price evaluation on lumpsum basis i.e for finalising the L1 bidder.

TENDER NO.: HY/ PE&SD/ PUR/ RIL HMD and RIL DM D/ E.C-M ECH/ 001

PROJECT ::4X93.1 M W STG packages for CCPP project at RIL-HM D, Hazira

NAME OF THE BIDDER ::

PRICE OFFER No. AND DATE ::

Unit rates for arriving at Final Contract Value

Item Description: Piping erection including, Handling of pipes, fitup,welding,providing spring hangers,supports,Hydrotest, radiography, all complete as per specification provided in TCC

Bidder may quote their unit rates in the following table:

Sl. No	PIPE MATERIAL	PIPE SIZE (in)	PIPE SCH/ THK	Unit Rate per kg (Rs.)
A.	Carbon Steel (IBR)			
1	Carbon Steel (IBR)	1	S80	
2	Carbon Steel (IBR)	4	S160	
3	Carbon Steel (IBR)	6	S40	
4	Carbon Steel (IBR)	8	S20	
5	Carbon Steel (IBR)	10	S20	
6	Carbon Steel (IBR)	10	S30	
7	Carbon Steel (IBR)	10	S160	
8	Carbon Steel (IBR)	12	S20	
9	Carbon Steel (IBR)	14	S10	
10	Carbon Steel (IBR)	14	S20	
11	Carbon Steel (IBR)	14	S160	
12	Carbon Steel (IBR)	16	S10	
13	Carbon Steel (IBR)	18	S10	
14	Carbon Steel (IBR)	18	S160	
15	Carbon Steel (IBR)	20	S10	
16	Carbon Steel (IBR)	24	S10	
17	Carbon Steel (IBR)	24	S20	
18	Carbon Steel (IBR)	28	STD	
19	Carbon Steel (IBR)	30	STD	
20	Carbon Steel (IBR)	44	STD	
B.	Carbon Steel (Non IBR)			
1	Carbon Steel (Non IBR)	0.75	S80	
2	Carbon Steel (Non IBR)	2	S40	
3	Carbon Steel (Non IBR)	3	S40	
4	Carbon Steel (Non IBR)	4	S40	
5	Carbon Steel (Non IBR)	6	S20	
6	Carbon Steel (Non IBR)	6	S40	
7	Carbon Steel (Non IBR)	8	S20	
8	Carbon Steel (Non IBR)	8	S40	
9	Carbon Steel (Non IBR)	10	S20	
10	Carbon Steel (Non IBR)	12	S10	
11	Carbon Steel (Non IBR)	12	S20	
12	Carbon Steel (Non IBR)	14	S10	
13	Carbon Steel (Non IBR)	16	S10	
14	Carbon Steel (Non IBR)	16	S20	
C.	Stainless Steel (Non IBR)			
1	Stainless Steel (Non IBR)	0.75	S80S	
2	Stainless Steel (Non IBR)	1	S40S	
3	Stainless Steel (Non IBR)	2	S10S	
4	Stainless Steel (Non IBR)	6	S10S	
5	Stainless Steel (Non IBR)	10	S10S	
6	Stainless Steel (Non IBR)	12	S10S	
7	Stainless Steel (Non IBR)	14	S10S	
8	Stainless Steel (Non IBR)	20	S10S	
D.	Alloy Steel (IBR)			
1	Alloy Steel (IBR)	0.75	S160	
2	Alloy Steel (IBR)	1	S80	
3	Alloy Steel (IBR)	1.5	S160	
4	Alloy Steel (IBR)	2	S160	
5	Alloy Steel (IBR)	10	S120	
6	Alloy Steel (IBR)	12	S120	
7	Alloy Steel (IBR)	16	S120	

Sl. No	PIPE MATERIAL	PIPE SIZE (in)	PIPE SCH/ THK	Unit Rate per kg (Rs.)
8	Alloy Steel (IBR)	20	S120	
9	Alloy Steel (IBR)	32	STD	
E	IS Grade (Non IBR)			
1	IS1239	1	HVY	
2	IS1239	2	HVY	
3	IS1239	3	HVY	
4	IS1239(GALV)	1	HVY	
5	IS1239(GALV)	2	HVY	
6	IS1239(GALV)	3	HVY	
7	IS3589GRFE330	2	HVY	
8	IS3589GRFE330	3	HVY	
9	IS3589GRFE330	4	HVY	
10	IS3589GRFE330	6	HVY	
11	IS3589GRFE330	8	T6	
12	IS3589GRFE330	10	T6	
13	IS3589GRFE330	14	T6	
14	IS3589GRFE330	18	T6	
15	IS3589GRFE330	20	T6	
16	IS3589GRFE330	24	T6	
17	IS3589GRFE330	30	T8	
18	IS3589GRFE330	32	T8	
19	IS3589GRFE330	36	T8	
20	IS3589GRFE330	44	T10	

Notes:

1	Unit rate / Kg shall be quoted for each item.
2	Unit rates shall be used for calculating the final amount of piping and payment to bidder shall be governed by the clause 2.13 of GCC.
3	The unit rates should be quoted including of all taxes, (except service tax, which is payable seperately. Please refer, chapter: VIII, Part - I of TCC for details)

Doc. No.: HY/ PE&SD/ PUR/ RILHMD and RILDM D/ E.C-MECH/ 001

VOLUME II, Block-2

PRICE BID SPECIFICATION FOR BLOCK-2

PROJECT: 3X90.3 MW STG packages for CCPP project at RIL-DMD, Dahej

BHARAT HEAVY ELECTRICALS LIMITED

	TENDER NO.: HY/PE&SD/PUR/RIL HMD and RIL DMD/E.C-MECH/001 Project :: 3X90.3 MW STG packages for CCPP project at RIL-DMD, Dahej	REV00
	PRICE SCHEDULE FOR E&C(Mech) works of 3x90.3 MW STG packages at DMD, Dahej ::	
	Name of the Bidder ::	Price offer no and Date :
	NOTES ::	
1	This document details the price/payment schedule format for the enquiry. No other format will be entertained and evaluated.	
2	Duly signed & stamped unpriced price schedule format shall be submitted along with Technical offer by bidder as a token of his concurrence that his price schedule is to be submitted in this format & prices shall be offered for all the items appearing in this price format .	
3	Bidder shall fill up prices of all items and submit to BHEL in separate sealed cover. All prices shall be submitted including of all taxes, (except service tax, which is payable seperately. Please refer, chapter: VIII, Part - I of TCC for details)	
4	Unit rates would be used to arrive at final contract value.For payment purpose,final contract value will be as per clause 2.14 of GCC	
5	All the bills will be settled from BHEL, PE&SD, -Hyderabad only.	

Volume-IE Price Schedule	
TENDER NO.: HY/PE&SD/PUR/RIL HMD and RIL DMD/E.C-MECH/001	REV00
PROJECT ::3X90.3 MW STG packages for CCPP project at RIL-DMD, Dahej	
NAME OF THE BIDDER ::	PRICE OFFER No. & DATE ::

Part A:: Pre-engineered & Prefabricated store shed cum office, site development work & hiring of Porta cabin

Item No	Description	Unit Price(in Rs.) for 1(one) set (i)	Unit Price(in Rs.) for 1(one) set in words	No. of sets(ii)	Total Price (in Rs.(iii)=(i)x(ii))	Total Price(iii) in Words (Rs.)
A1	Design, manufacture, supply, erection, fit up & final painting etc. of 30m.(L) x 15m.(W)x5.25m.(Ht.) of Pre-engineered & Prefabricated store cum office shed as per technical specification, drawing & BOQ provided in chapter: II, Part-II of TCC			1		
A2	Site development works for approx. 5100 sq.m area including extended steel structure shed(approx. size 15.0m.(L)x6.0m.(W)x3.0m.(Ht.) for pantry, toilet & meeting room as per technical specification, drawing & BOQ provided in chapter: II, Part-II of TCC			1		
A3	Hiring charges of Porta Cabin(2 nos.) for a period of 21 months as per technical specification provided in chapter: III, Part-II of TCC			1		
Total price for store shed cum office (A) = A1+A2+A3						

Part B:: Erection, Testing, Painting & Commissioning of Mechanical & Piping works

Item No	Description	Unit Price(in Rs.) for 1 STG Unit (i)	Unit Price(in Rs.) in words	No. of STG Units (ii)	Total Price (in Rs.(iii)=(i)x(ii))	Total Price(iii) in Words (Rs.)
B1	E&C * Price for Mechanical items			3		
B2	E&C * Price for AS-IBR Piping, Including supports			3		
B3	E&C * Price for CS- IBR Piping, Including supports			3		

B4	E&C * Price for CS-Non IBR Piping, Including supports			3		
B5	E&C * Price for SS Piping, , Including supports			3		
B6	Price for Insulation			3		
B7	Price for Painting			3		
Total E&C price for project(B)						

* E&C: Erection & Commissioning

Part C:: Material Handling works

Item No	Description	Weight in Metric tons	Rate per Metric ton in words	Rate per Metric ton in figures	Total Price (C)	Total Price(C) in Words (Rs.)
C1	Material handling(MH) consisting of receipt,unloading, storing & Preservation of materials	5134.4				
Total price for Material Handling works (C)						
Total Store/ office,E&C+ MH price till complete hand over to customer D= (A) + (B)+ (C) (In Figures)		Rs				
Total Store/ office, E&C & MH Price in Words		Rupees				

Notes:

- 1 Bidders shall quote for all items
- 2 Total price (D) = (A)+(B)+(C) shall be considered for price evaluation on lumpsum basis i.e for finalising the L1 bidder.

TENDER NO.: HY/ PE&SD/ PUR/ RIL HMD and RIL DM D/ E.C-M ECH/ 001

PROJECT ::3X90.3 M W STG packages for CCPP project at RIL-DM D, Dahej

NAME OF THE BIDDER ::

PRICE OFFER No. AND DATE ::

Unit rates for arriving at Final Contract Value

Item Description: Piping erection including, Handling of pipes, fitup,welding,providing spring hangers,supports,Hydrotest, radiography, all complete as per specification provided in TCC

Bidder may quote their unit rates in the following table:

Sl. No	PIPE MATERIAL	PIPE SIZE (in)	PIPE SCH/ THK	Unit Rate per kg (Rs.)
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12	IS3589GRFE330	10	T6	
13	IS3589GRFE330	14	T6	
14	IS3589GRFE330	18	T6	
15	IS3589GRFE330	20	T6	
16	IS3589GRFE330	24	T6	
17	IS3589GRFE330	30	T8	
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