 BHARAT HEAVY ELECTRICALS LIMITED (A Government of India Undertaking) BOILER AUXILIARIES PLANT,		Ph:04172-284030, 484158, 284606, 241170 Email: msiva@bhelrpt.co.in mkmoorthy@bhelrpt.co.in						
Enquiry No :- 667104E		Dt : 14.09.2017						
TECHNICAL BID (Annexure C)		Due dt:- 10-Oct-2017						
Name of Firm, Place & Address	DISTACE OF FIRM FROM BHEL RANIPET in KM	Firm code						
<u>Please quote after taking care of Distnace criteria & Facility required</u>								
Whether participated in Main ARC-16-17 & signed contract		YES/NO	B.G Available Min Rs 5.00 Lacs		YES/NO			
Whether participated in LDPP ARC 17-18 & signed contract		YES/NO	B.G Available Min Rs 10.00 Lacs		YES/NO			
Sl.No	RSNO	RS Description	Qty	Unit	Group	Facility required	DISTANCE in KM	Quoted/Not quoted
1	AM67	Complete Manufacturing Of Spacer Ring Segment Assy As Per The Drawings 25201102392, 25201102928 And 35201101370 Or Equivalent Drawings Having Same Work Content	30	NO	LFLM01	Rolling facility up to 10mm, Mech/Hyd press up to 5 T, Welding(MMAW/Co2),Gas/Pug Cutting , Grinding ,Drilling Max-40 mm , Slotting , Milling Machine required.	350	
2	CF03	Fabrication and Machining of SCREEN COVER ASSY to drg. 3-55-335-00890/01/00;OR Equivalent.	5	NO	LFLM01	Rolling facility up to 10mm, Mech/Hyd press up to 5 T, Welding(MMAW/Co2),Gas/Pug Cutting , Grinding ,Drilling Max-40 mm , Slotting , Milling Machine required.	350	
3	E46	Recovery Rate for Turnings and Borings Scrap of Stainless Steel- Magnetic	0	MT	RECO01	All vendors quoting for Machining Rate Schedules shall quote for these RS also	450	
4	EF01	Fabrication and Machining of FRAME I AND IV MADE OUT OF SHEET Drg.No:- 1-79-020-00459	100	MT	LF0002	Channel Punching Machine- Minimum- 16mm ,Shearing Machine, Press Brake, Welding Equipments and Gas Cutting equipments required.	350	


Sl.No	RSNO	RS Description	Qty	Unit	Group	Facility required	DISTANCE in KM	Quoted/Not quoted
5	FG01	TOE GRINDING OF IMPELLER (less than 2 MT) Drg.No:- 0-55-126-00647	1000	MR	WESP01	Welding Equipment(with E11018,E7018), preheating facilities, Grinding, Electrical Grinding machine. Chipper and Handling facility up to 15T and Qualified welders are mandatory.	50	
6	GS66	Complete manufacture of Idler Shaft Dia upto 100 - Length upto 3 Mtr Drg.No:- 3-57-030-16414	10	MT	HM0005	Heavy Duty Lathe required.	150	
7	PB41	Complete machining of Blade shaft nut with thread size M100 including drilling, tapping, thread cutting, slotting etc to drg 3-55-228-01657 or equivalent. Forged nuts to be collected from stores.	200	NO	LMCN03	CNC Lathe ,Grinding Attachment, Drilling , facilities are required.	350	
8	PB42	Complete machining of Blade shaft nut with thread size M75 including drilling, tapping, thread cutting, slotting etc to drg 2-55-328-02066 or equivalent. Forged nuts to be collected from stores.	250	NO	LMCN03	CNC Lathe ,Grinding Attachment, Drilling , facilities are required.	350	
9	PB80	Complete machining of SHAFT as per drg 1-55-227- 01724 or equivalent including drilling, thread cutting, keyway cutting etc.. Raw forging to be collected from stores.	10	NO	LMCN06	CNC Lathe ,Grinding Attachment, Drilling , facilities are required.	350	
10	PL32	LEVER BOSS ID95 BORING,KEYWAY,DRILL & TAP	200	NO	LM0006	Lathe / CNC Lathe ,Drilling ,Grinding facilities are required.	50	
11	VT11	Complete machining of bearing housing drg no 0-55- 216-00457 including all VTL operations, milling, drilling and tapping. Bearing housing castings to be collected from shop after heat treatment.	5	NO	HMSP14	VTL- ABOVE 1000 MM + HORIZONTAL BORING	450	
12	VT12	Complete machining of bearing housing drg no 0-55- 216-01416 including all VTL operations, milling, drilling and tapping. Bearing housing castings to be collected from shop after heat treatment.	5	NO	HMSP14	VTL- ABOVE 1000 MM + HORIZONTAL BORING	450	

Sl.No	RSNO	RS Description	Qty	Unit	Group	Facility required	DISTANCE in KM	Quoted/Not quoted
13	VT13	Complete machining of bearing housing drg no 0-55-335-01269 including all VTL operations, milling, drilling and tapping. Bearing housing castings to be collected from shop after heat treatment.	10	NO	HMSP14	VTL- ABOVE 1000 MM + HORIZONTAL BORING	450	
14	VT14	Complete machining of bearing housing drg no 0-55-227-01297 including all VTL operations, milling, drilling and tapping. Bearing housing castings to be collected from shop after heat treatment.	10	NO	HMSP15	VTL- UP TO 1000 MM+ HORIZONTAL BORING	450	
15	SN01	CYLINDER NITRIDING 11 AND 12 Sizes- including Testing at approved lab Drg.No:- 1-55-214-00423 2-55-335-00746	8	MT	SP0002	Nitriding - Suitable Bath Tub shall be available.	450	
16	SN02	CYLINDER NITRIDING - 16 SIZE- including Testing at approved lab Drg.No:- 1-55-216-00439 1-55-216-00952	3	MT	SP0002	Nitriding - Suitable Bath Tub shall be available.	450	
17	D89	COMPLETE FABRICATION OF LIFTING STAY EXTENSION(NEW) AS PER DRAWING 35201002520 OR EQUIVALENT	672	NO	LF0007	Bending machine , Gas/Pug Cutting , Punching Machine, Welding Equipments required .	50	
18	F64I	COMPLETE FABRICATION OF LIFTING PIN AS PER DRAWING 45204103814 OR EQUIVALENT	168	NO	LM0019	General Fabrication with Lathe and Milling Machine and Thread Chaser preferable.	150	
19	F64J	COMPLETE MACHINING OF SHAFT ROD AS PER DRAWING 35204102529 OR EQUIVALENT	42	NO	LM0019	General Fabrication with Lathe and Milling Machine and Thread Chaser preferable.	150	
20	F64K	COMPLETE MACHINING OF SLEEVE ASSY AS PER DRAWING 35204102530 OR EQUIVALENT.REQUIRED ROD SIZES WILL BE SUPPLIED FROM SHOP	42	NO	LM0019	General Fabrication with Lathe and Milling Machine and Thread Chaser preferable.	150	
21	F64L	COMPLETE MACHINING OF SEALING ASSY AS PER DRAWING 25204103282 OR EQUIVALENT.REQUIRED ROD SIZES WILL BE SUPPLIED FROM SHOP	84	NO	LM0019	General Fabrication with Lathe and Milling Machine and Thread Chaser preferable.	150	
22	F64M	COMPLETE MACHINING OF LIFTING ROD AS PER DRAWING 35204105231 OR EQUIVALENT.REQUIRED ROD SIZES WILL BE SUPPLIED FROM SHOP	84	NO	LM0019	General Fabrication with Lathe and Milling Machine and Thread Chaser preferable.	150	

Sl.No	RSNO	RS Description	Qty	Unit	Group	Facility required	DISTANCE in KM	Quoted/Not quoted
23	EF02	COMPLETE FABRICATION OF MODIFIED FRAME II- (40 SHEETS) AS PER DRAWING 17902004231 OR EQUIVALENT.RAW MATERIAL TO BE COLLECTED FROM STORES	750	MT	LF0002	Channel Punching Machine- Minimum- 16mm ,Shearing Machine, Press Brake, Welding Equipments and Gas Cutting equipments required.	350	
24	VT16	Full machining of housing Assy and Outlet Guide vane (including part planning ,VTL operation , flanges & Bearing flanges drillings including boring and foot machining) as per Drawing with respect to marking done	75	MT	HMSP16	VTL table size 4 M and Horizontal Boring with Height 2 M X 2.5 M width	450	
25	106A	SEAL AIR FAN/RADIAL FAN IMPELLER ASSEMBLY UPTO 50 KGS [HT/NDT CHARGES [OTHER THAN LPI]PAYABLE EXTRA.]	25	NO	IMP (MAIN)	1. General Fabrication Facilities 2. Vertical Turning Lathe (VTL): Minimum 1 No. 3. Those who have quoted for main ARC only has to quote	450	
26	106B	SEAL AIR FAN/RADIAL FAN IMPELLER ASSEMBLY ABOVE 50 AND UPTO 100 KGS [HT/NDT CHARGES [OTHER THAN LPI]PAYABLE EXTRA.]	25	NO	IMP (MAIN)	1. General Fabrication Facilities 2. Vertical Turning Lathe (VTL): Minimum 1 No. 3. Those who have quoted for main ARC only has to quote	450	
27	E01	Conversion Charges For Flat Out Of Plates applicable for Groups APHP, AUTO, CHIM, CTS, EXP, FSP, GAD, GEN, IMP, PUN, RET, SEAL, TAPH, TINY, TUB, WWS	0	MT	EXTRA (MAIN)	Thos who have quoted for the following GROUPS in MAIN ARC - APHP, AUTO, CHIMA,CHIMB,CHIMC, CTS, EXP, FSP, DAMP,GATEA,GATEB, GENA,GENB,, IMP, PUN, RET, SEAL, TAPH, TINY, TUB, WWS	450	

I/we agree for all the terms and conditions of the LDPP & Main ARC 2017-18 and application of extra RS rate finalised against Main ARC & LDPP ARC .

Authorised signatory with seal

 BHARAT HEAVY ELECTRICALS LIMITED (A Government of India Undertaking) BOILER AUXILIARIES PLANT,		Ph:04172-284030, 484158, 284606, 241170 Email: msiva@bhelrpt.co.in mkmoothy@bhelrpt.co.in
Enquiry No :- 667104E		Dt : 14.09.2017
PRICE BID (Annexure D)		Due : 10-Oct-2017
Name of Firm, Place & Address	DISTACE OF FIRM FROM BHEL RANIPET in KM	Firm code
<u>Please quote after taking care of Distnace criteria & Facility required</u>		
Whether participated in Main ARC-16-17 & signed contract		YES/NO
Whether participated in LDPP ARC 17-18 & signed contract		YES/NO
B.G Available Min Rs 5.00 Lacs		YES/NO
B.G Available Min Rs 10.00 Lacs		YES/NO
Sl.No	RSNO	RS Description
Qty	Unit	Group
Facility required		DISTANCE in KM
Rate in Rs		
1	AM67	Complete Manufacturing Of Spacer Ring Segment Assy As Per The Drawings 25201102392, 25201102928 And 35201101370 Or Equivalent Drawings Having Same Work Content
30	NO	LFLM01
Rolling facility up to 10mm, Mech/Hyd press up to 5 T, Welding(MMAW/Co2), Gas/Pug Cutting , Grinding ,Drilling Max-40 mm , Slotting , Milling Machine required.		350
Rupees in words :-		
2	CF03	Fabrication and Machining of SCREEN COVER ASSY to drg. 3-55-335-00890/01/00;OR Equivalent.
5	NO	LFLM01
Rolling facility up to 10mm, Mech/Hyd press up to 5 T, Welding(MMAW/Co2), Gas/Pug Cutting , Grinding ,Drilling Max-40 mm , Slotting , Milling Machine required.		350
Rupees in words :-		
3	E46	Recovery Rate for Turnings and Borings Scrap of Stainless Steel- Magnetic
0	MT	RECO01
All vendors who have quoted for Machining Rate Schedules shall quote for this RS.		450
Rupees in words :-		
4	EF01	Fabrication and Machining of FRAME I AND IV MADE OUT OF SHEET Drg.No:- 1-79-020-00459
100	MT	LF0002
Channel Punching Machine- Minimum- 16mm ,Shearing Machine, Press Brake, Welding Equipments and Gas Cutting equipments required.		350
Rupees in words :-		

Sl.No	RSNO	RS Description	Qty	Unit	Group	Facility required	DISTANCE in KM	Rate in Rs
5	FG01	TOE GRINDING OF IMPELLER (less than 2 MT) Drg.No:- 0-55-126-00647	1000	MR	WESP01	Welding Equipment(with E11018,E7018), preheating facilities, Grinding, Electrical Grinding machine. Chipper and Handling facility up to 15T and Qualified welders are mandatory.	50	
	Rupees in words :-							
6	GS66	Complete manufacture of Idler Shaft Dia upto 100 - Length upto 3 Mtr Drg.No:- 3-57-030-16414	10	MT	HM0005	Heavy Duty Lathe required.	150	
	Rupees in words :-							
7	PB41	Complete machining of Blade shaft nut with thread size M100 including drilling, tapping, thread cutting, slotting etc to drg 3-55-228-01657 or equivalent. Forged nuts to be collected from stores.	200	NO	LMCN03	CNC Lathe ,Grinding Attachment, Drilling , facilities are required.	350	
	Rupees in words :-							
8	PB42	Complete machining of Blade shaft nut with thread size M75 including drilling, tapping, thread cutting, slotting etc to drg 2-55-328-02066 or equivalent. Forged nuts to be collected from stores.	250	NO	LMCN03	CNC Lathe ,Grinding Attachment, Drilling , facilities are required.	350	
	Rupees in words :-							
9	PB80	Complete machining of SHAFT as per drg 1-55-227-01724 or equivalent including drilling, thread cutting, keyway cutting etc.. Raw forging to be collected from stores.	10	NO	LMCN06	CNC Lathe ,Grinding Attachment, Drilling , facilities are required.	350	
	Rupees in words :-							
10	PL32	LEVER BOSS ID95 BORING,KEYWAY,DRILL & TAP	200	NO	LM0006	Lathe / CNC Lathe ,Drilling ,Grinding facilities are required.	50	
	Rupees in words :-							
11	VT11	Complete machining of bearing housing drg no 0-55-216-00457 including all VTL operations, milling, drilling and tapping. Bearing housing castings to be collected from shop after heat treatment.	5	NO	HMSP14	VTL- ABOVE 1000 MM + HORIZONTAL BORING	450	
	Rupees in words :-							

Sl.No	RSNO	RS Description	Qty	Unit	Group	Facility required	DISTANCE in KM	Rate in Rs
12	VT12	Complete machining of bearing housing drg no 0-55-216-01416 including all VTL operations, milling, drilling and tapping. Bearing housing castings to be collected from shop after heat treatment.	5	NO	HMSP14	VTL- ABOVE 1000 MM + HORIZONTAL BORING	450	
	Rupees in words :-							
13	VT13	Complete machining of bearing housing drg no 0-55-335-01269 including all VTL operations, milling, drilling and tapping. Bearing housing castings to be collected from shop after heat treatment.	10	NO	HMSP14	VTL- ABOVE 1000 MM + HORIZONTAL BORING	450	
	Rupees in words :-							
14	VT14	Complete machining of bearing housing drg no 0-55-227-01297 including all VTL operations, milling, drilling and tapping. Bearing housing castings to be collected from shop after heat treatment.	10	NO	HMSP15	VTL- UP TO 1000 MM+ HORIZONTAL BORING	450	
	Rupees in words :-							
15	SN01	CYLINDER NITRIDING 11 AND 12 Sizes- including Testing at approved lab Drg.No:- 1-55-214-00423 2-55-335-00746	8	MT	SP0002	Nitriding - Suitable Bath Tub shall be available.	450	
	Rupees in words :-							
16	SN02	CYLINDER NITRIDING - 16 SIZE- including Testing at approved lab Drg.No:- 1-55-216-00439 1-55-216-00952	3	MT	SP0002	Nitriding - Suitable Bath Tub shall be available.	450	
	Rupees in words :-							
17	D89	COMPLETE FABRICATION OF LIFTING STAY EXTENSION(NEW) AS PER DRAWING 35201002520 OR EQUIVALENT	672	NO	LF0007	Bending machine , Gas/Pug Cutting , Punching Machine, Welding Equipments required .	50	
	Rupees in words :-							
18	F64I	COMPLETE FABRICATION OF LIFTING PIN AS PER DRAWING 45204103814 OR EQUIVALENT	168	NO	LM0019	General Fabrication with Lathe and Milling Machine and Thread Chaser preferable.	150	
	Rupees in words :-							
19	F64J	COMPLETE MACHINING OF SHAFT ROD AS PER DRAWING 35204102529 OR EQUIVALENT	42	NO	LM0019	General Fabrication with Lathe and Milling Machine and Thread Chaser preferable.	150	
	Rupees in words :-							

Sl.No	RSNO	RS Description	Qty	Unit	Group	Facility required	DISTANCE in KM	Rate in Rs
20	F64K	COMPLETE MACHINING OF SLEEVE ASSY AS PER DRAWING 35204102530 OR EQUIVALENT.REQUIRED ROD SIZES WILL BE SUPPLIED FROM SHOP	42	NO	LM0019	General Fabrication with Lathe and Milling Machine and Thread Chaser preferable.	150	
	Rupees in words :-							
21	F64L	COMPLETE MACHINING OF SEALING ASSY AS PER DRAWING 25204103282 OR EQUIVALENT. REQUIRED ROD SIZES WILL BE SUPPLIED FROM SHOP	84	NO	LM0019	General Fabrication with Lathe and Milling Machine and Thread Chaser preferable.	150	
	Rupees in words :-							
22	F64M	COMPLETE MACHINING OF LIFTING ROD AS PER DRAWING 35204105231 OR EQUIVALENT. REQUIRED ROD SIZES WILL BE SUPPLIED FROM SHOP	84	NO	LM0019	General Fabrication with Lathe and Milling Machine and Thread Chaser preferable.	150	
	Rupees in words :-							
23	EF02	COMPLETE FABRICATION OF MODIFIED FRAME II-(40 SHEETS) AS PER DRAWING 17902004231 OR EQUIVALENT.RAW MATERIAL TO BE COLLECTED FROM STORES	750	MT	LF0002	Channel Punching Machine- Minimum- 16mm ,Shearing Machine, Press Brake, Welding Equipments and Gas Cutting equipments required.	350	
	Rupees in words :-							
24	VT16	Full machining of housing Assy and Outlet Guide vane (including part planning ,VTL operation , flanges & Bearing flanges drillings including boring and foot machining) as per Drawing with respect to marking done	75	MT	HMS16	VTL table size 4 M and Horizontal Boring with Height 2 M X 2.5 M width	450	
	Rupees in words :-							
25	106A	SEAL AIR FAN/RADIAL FAN IMPELLER ASSEMBLY UPTO 50 KGS [HT/NDT CHARGES [OTHER THAN LPI]PAYABLE EXTRA.]	25	NO	IMP (MAIN)	1. General Fabrication Facilities 2. Vertical Turning Lathe (VTL): Minimum 1 No. 3. Those who have quoted for main ARC only has to quote	450	
	Rupees in words :-							
26	106B	SEAL AIR FAN/RADIAL FAN IMPELLER ASSEMBLY ABOVE 50 AND UPTO 100 KGS [HT/NDT CHARGES [OTHER THAN LPI]PAYABLE EXTRA.]	25	NO	IMP (MAIN)	1. General Fabrication Facilities 2. Vertical Turning Lathe (VTL): Minimum 1 No. 3. Those who have quoted for main ARC only has to quote	450	
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Sl.No	RSNO	RS Description	Qty	Unit	Group	Facility required	DISTANCE in KM	Rate in Rs
27	E01	Conversion Charges For Flat Out Of Plates applicable for Groups APHP, AUTO, CHIM, CTS, EXP, FSP, GAD, GEN, IMP, PUN, RET, SEAL, TAPH, TINY, TUB, WWS	0	MT	EXTRA (MAIN)	Thos who have quoted for the following GROUPS in MAIN ARC - APHP, AUTO, CHIMA,CHIMB,CHIMC, CTS, EXP, FSP, DAMP,GATEA,GATEB, GENA,GENB,, IMP, PUN, RET, SEAL, TAPH, TINY, TUB, WWS	450	
	Rupees in words :-							
I/we agree for all the terms and conditions of the LDPP & Main ARC 2017-18 and application of extra RS rate finalised against Main ARC & LDPP ARC .								
Authorised signatory with seal								