



An ISO 9001
Company

Bharat Heavy Electricals Limited

(High Pressure Boiler Plant)

Tiruchirappalli – 620014, TAMIL NADU, INDIA

CAPITAL EQUIPMENT / MATERIALS MANAGEMENT

ENQUIRY

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NOTICE INVITING TENDER

TWO PART BID

Tender to be submitted in two Parts

Enquiry
Number:

2631800033

Enquiry Date:

09.05.2018

Due date for submission of
quotation:

01.06.2018

You are requested to quote the Enquiry number date and due date in all your correspondence. This is only a request for quotation and not an order.

Please note that under any circumstances both delayed offer and late offers will not be considered. Hence vendors are requested to ensure that the offer is reaching physically our office before 14.00 hrs on the Date of tender opening.

Item	Description	Quantity
10	Bore Well Submersible Pump Set – 2 HP (20 Stages, 2850 RPM)	1 No.
20	Bore Well Submersible Pump Set – 3 HP (30 Stages, 2850 RPM)	1 No.
30	Bore Well Submersible Pump Set – 7.5 HP (10 Stages, 2850 RPM)	1 No.
40	Bore Well Submersible Pump Set – 1 HP (10 Stages, 2850 RPM)	1 No.
50	Bore Well Submersible Pump Set – 5 HP (15 Stages, 2850 RPM)	1 No.
60	Bore Well Submersible Pump Set – 3 HP (17 Stages, 2850 RPM)	1 No.
70	Bore Well Submersible Pump Set – 5 HP (2900 RPM)	1 No.

Important points to be taken care during submission of offer

1. Quotation for all the above mentioned seven line items shall be submitted as per the technical specification & commercial conditions applicable (to be downloaded from web site www.bhel.com or <https://eprocure.gov.in/epublish/app>)
2. Pre-Qualification Criteria: The vendor should have successfully supplied/ executed similar pumps in the last two years
3. Delivery terms shall be FOR BHEL Stores, Trichy
4. Compliance Form No: TRY/ IND/ 12 shall be filled and enclosed along with the offer failing which, the offer will not be considered for evaluation.
5. Delivery period required is 1 week from the date of Purchase Order.
6. Erection and commissioning shall be done at BHEL Trichy by the supplier
7. Time period required for Erection and Commissioning shall be 2 weeks from the date of intimation by BHEL
8. All updates, amendments, corrigenda, etc., (if any), for each tender will be posted only on the above websites from time to time, as and when required, until each tender is opened. There will be no publication of such updates, amendments, corrigenda, etc., through newspapers or any other media.

BHEL's General guidelines / instructions (refer MM/CE/GENL/001- No EMD), compliance form and technical specification can be downloaded from BHEL web site <http://www.bhel.com> or from <https://eprocure.gov.in/epublish/app> under Enquiry reference "2631800033".

Tenders should reach us before 14:00 hours on the due date
Tenders will be opened at 14:30 hours on the due date
Tenders would be opened in presence of the tenderers who have submitted their offers and who may like to be present

Yours faithfully,
For BHARAT HEAVY ELECTRICALS LIMITED

AJAY V. ASALKAR

Sr. Manager / Capital Equipment / MM

MM / Capital Equipment
BHEL, Tiruchirappalli - 620 014

BORE WELL 1 - INSIDE SOLAR 7.5MW					
SLNO	DESCRIPTION			Suggested Make	Qty Unit
1	Pump with Motor	Motor hp	2 hp	Texmo industries TARO	1 No
		No of Phases	3 Phase		
		RPM	2850 RPM		
		Pump type	Borewell submersible pumpset		
		Pump Stages	20 stages		
		Pump Size	4"		
		Delivery pipe Size	1 1/4"		
		Working Depth	510 Feet		
		Delivery Quantity	4000 LPH		
		Warrenty	2 years		
2	Control Panel Starter without dry run preventer.	Contactor rating	16 amps	BCH, LTLK	1 No
		contactor type	COON		
		Relay range	3.8 to 6 Amps		
3	1x3x2.5 sqmm, 3 core ISI flat cable suitable for submersible pump			Johnson	175 m
4	1 1/4" SS Bottom				1 No
5	1 1/4" Top CI				1 No
6	1 1/4" UPVC Column pipe 35 kg/cm ² Heavy Blue Screen Wire lock			Astral	6 Len
7	1 1/4" UPVC Column pipe 25 kg/cm ² Standard Red Screen Wire lock			Astral	39 len
8	1 1/4" patta clamp				1 No
9	1 1/4" GI Bend + Socket + Air cock				1 No
10	1 1/4" GI Bend				1 No
11	1 1/4" NRV			CRI	1 No
12	180mm end cap				1 No
13	PVC insulation tape				8 Nos
14	Batch				1 No
15	Teflon tape				1 No
16	Chellac + Thread				1 No
17	1" Green hose - 1 meter				1 No

BORE WELL 2 - INSIDE SOLAR 7.5MW					
SLNO	DESCRIPTION			Suggested Make	Qty Unit
1	Pump with Motor	Motor hp	3 hp	Texmo industries	1 No
		No of Phases	3 Phase	TARO	
		RPM	2850 RPM		
		Pump type	Borewell submersible pumpset		
		Pump Stages	30 stages		
		Pump Size	4"		
		Delivery pipe Size	2"		
		Working Depth	600 Feet		
		Delivery Quantity	10800 LPH		
		Warrenty	2 years		
2	Control Panel Starter without dry run preventer.	Contact rating	16 amps	BCH, LTLK	1 No
		contactor type	COON		
		Relay range	6 to 9.3 Amps		
3	1x3x2.5 sqmm, 3 core ISI flat cable suitable for submersible pump			Johnson	175 m
4	2" SS Bottom				1 No
5	2" Top CI				1 No
6	2" UPVC Column pipe 29 kg/cm ² Heavy Blue Screen Wire lock			Astral	6 Len
7	2" UPVC Column pipe 20 kg/cm ² Standard Red Screen Wire lock			Astral	39 len
8	2" patta clamp				1 No
9	2" GI Bend + Socket + Air cock				1 No
10	2" GI Bend				1 No
11	2" NRV			CRI	1 No
12	180mm end cap				1 No
13	PVC insulation tape				8 Nos
14	Batch				1 No
15	Teflon tape				1 No
16	Chellac + Thread				1 No
17	1" Green hose - 1 meter				1 No

BORE WELL 3 - INSIDE ETP COCONUT GROOVE					
SLNO	DESCRIPTION			Suggested Make	Qty Unit
1	Pump with Motor	Motor hp	7.5 hp	Texmo industries TARO	1 No
		No of Phases	3 Phase		
		RPM	2850 RPM		
		Pump type	Borewell submersible pumpset		
		Pump Stages	10 stages		
		Pump Size	6"		
		Delivery pipe Size	2"		
		Working Depth	300 Feet		
		Delivery Quantity	14000 LPH		
		Warrenty	2 years		
2	Control Panel Starter	Contactor rating	32 amps	BCH, LTLK	1 No
	without dry run	contactor type	COON		
	preventer.	Relay range	13.2 to 20 Amps		
3	1x3x2.5 sqmm, 3 core ISI flat cable suitable for submersible pump			Johnson	50 m
4	2" x 12 Bit Pipe				1 No
5	2" Long Coupling				1 No
6	2" (50mm) GI Pipe C Class 1 Len = 3 mtr with long coupling			TATA/ZENITH/JINDAL	15 Len
7	2" patta clamp				1 No
8	2" GI Bend + Socket + Air cock				1 No
9	2" GI Bend				1 No
10	2" NRV			CRI	1 No
11	180mm end cap				1 No
12	PVC insulation tape				8 Nos
13	Batch				1 No
14	Teflon tape				1 No
15	Chellac + Thread				1 No
16	1" Green hose - 1 meter				1 No

BORE WELL 4 - TOWNSHIP NURSERY					
SLNO	DESCRIPTION			Suggested Make	Qty Unit
1	Pump with Motor	Motor hp	1 hp	Texmo industries	1 No
		No of Phases	3 Phase	TARO	
		RPM	2850 RPM		
		Pump type	Borewell submersible pumpset		
		Pump Stages	10 stages		
		Pump Size	4"		
		Delivery pipe Size	1 1/4"		
		Working Depth	170 Feet		
		Delivery Quantity	5500 LPH		
		Warrenty	2 years		
2	Control Panel Starter without dry run	Contactor rating	16 amps	BCH, LTLK	1 No
		contactor type	COON		
	preventer.	Relay range	2.4 to 3.8 Amps		
3	1x3x2.5 sqmm, 3 core ISI flat cable suitable for submersible pump			Johnson	80 m
4	11/4" SS Bottom				1 No
5	11/4" Top CI				1 No
6	11/4" UPVC Column pipe 35 kg/cm ² Heavy Blue Screen Wire lock			Astral	4 Len
7	11/4" UPVC Column pipe 25 kg/cm ² Standard Red Screen Wire lock			Astral	6 len
8	11/4" patta clamp				1 No
9	11/4" GI Bend + Socket + Air cock				1 No
10	11/4" GI Bend				1 No
11	11/4" NRV			CRI	1 No
12	180mm end cap				1 No
13	PVC insulation tape				8 Nos
14	Batch				1 No
15	Teflon tape				1 No
16	Chellac + Thread				1 No
17	1" Green hose - 1 meter				1 No

BORE WELL 5 - OPPOSITE OF B5208 INSIDE ARAI PARK						
SLNO	DESCRIPTION			Suggested Make	Qty	Unit
1	Pump with Motor	Motor hp	5 hp	Texmo industries	1	No
		No of Phases	3 Phase	TARO		
		RPM	2850 RPM			
		Pump type	Borewell submersible pumpset			
		Pump Stages	15 stages			
		Pump Size	4"			
		Delivery pipe Size	2 1/2"			
		Working Depth	240 Feet			
		Delivery Quantity	18000 LPH			
		Warrenty	2 years			
2	Control Panel Starter	Contactor rating	16 amps	BCH, LTLK	1	No
	without dry run	contactor type	COON			
	preventer.	Relay range	8.9 to 13.5 Amps			
3	1x3x2.5 sqmm, 3 core ISI flat cable suitable for submersible pump			Johnson	80	m
4	2 1/2" x 2" SS Bottom				1	No
5	2" Top CI				1	No
6	2" UPVC Column pipe 29 kg/cm ² Heavy Blue Screen Wire lock			Astral	4	Len
7	2" UPVC Column pipe 20 kg/cm ² Standard Red Screen Wire lock			Astral	6	len
8	2" patta clamp				1	No
9	2" GI Bend + Socket + Air cock				1	No
10	2" GI Bend				1	No
11	2" NRV			CRI	1	No
12	180mm end cap				1	No
13	PVC insulation tape				8	Nos
14	Batch				1	No
15	Teflon tape				1	No
16	Chelliac + Thread				1	No
17	1" Green hose - 1 meter				1	No

BORE WELL 6 - NORTH EAST CORNER OF ETP					
SLNO	DESCRIPTION			Suggested Make	Qty Unit
1	Pump with Motor	Motor hp	3 hp	Texmo industries TARO	1 No
		No of Phases	3 Phase		
		RPM	2850 RPM		
		Pump type	Borewell submersible pumpset		
		Pump Stages	17 stages		
		Pump Size	4"		
		Delivery pipe Size	1 1/2"		
		Working Depth	510 Feet		
		Delivery Quantity	10000 LPH		
		Warrenty	2 years		
2	Control Panel Starter without dry run preventer.	Contactor rating	16 amps	BCH, LTLK	1 No
		contactor type	COON		
		Relay range	2.4 to 3.8 Amps		
3	1x3x2.5 sqmm, 3 core ISI flat cable suitable for submersible pump			Johnson	100 m
4	1 1/2" SS Bottom				1 No
5	1 1/2" Top CI				1 No
6	1 1/2" UPVC Column pipe 35 kg/cm ² Heavy Blue Screen Wire lock			Astral	6 Len
7	1 1/2" UPVC Column pipe 25 kg/cm ² Standard Red Screen Wire lock			Astral	9 len
8	1 1/2" patta clamp				1 No
9	1 1/2" GI Bend + Socket + Air cock				1 No
10	1 1/2" GI Bend				1 No
11	1 1/2" NRV			CRI	1 No
12	180mm end cap				1 No
13	PVC insulation tape				8 Nos
14	Batch				1 No
15	Teflon tape				1 No
16	Chellac + Thread				1 No
17	1" Green hose - 1 meter				1 No

WELL 7 - OPEN WELL HRDC					
SLNO	DESCRIPTION			Suggested Make	Qty Unit
1	Pump with Motor	Motor hp	5 hp		1 No
		No of Phases	3 Phase		
		RPM	2900 RPM		
		Rotor	Copper Rotor		
		Pump type	Openwell submersible monoblock		
		Suction pipe size	2 1/2"		
		Delivery pipe Size	2"		
2	Control Panel Starter	Contactor rating	16 amps	BCH, LTLK	1 No
	without dry run	contactor type	COON		
	preventer.	Relay range	8.9 to 13.5 Amps		
3	1x3x2.5 sqmm, 3 core ISI flat cable suitable for submersible pump			Johnson	85 m
4	2" SS Coller				1 No
5	2" A/C Coller SS				1 No
6	2" HDPE 6 kg/cm ² Hose			Kisan	21 m
7	2" NRV			CRI	1 No
8	PVC insulation tape				8 Nos
9	Batch				1 No
10	Teflon tape				1 No
11	Chellac + Thread				1 No
12	2" Green hose - 1 meter				1 No
13	18 mm Nylon Rope				55 m
14	2 1/4" Hose Clip				4 Nos