

ICAR - CENTRAL INSTITUTE FOR RESEARCH ON BUFFALOES
SIRSA ROAD, HISAR-125 001 (HARYANA)
Phone No.01662-281611, 276631 Fax 01162-275004
www.cirb.res.in//E-mail : cirb@asia.com

No.1-258/CPS/2015-16

Dated: 04.06.2016

TENDER NOTICE

On behalf of Secretary ICAR, the Director, CIRB invites sealed tender(s) for the works mentioned below from the eligible/approved contractors/agencies. The agencies must have valid IT-PAN No. and having experience of two similar nature of works in three years for the works mentioned below:

S. No.	Name of work	Estimated cost (Rs.)	Earnest Money (Rs.)	Time of completion
1.	Providing and laying vitrified floor tiles in different sizes thickness to be specified by the manufacture with water absorption less than 0.08% and conforming to IS 15662 of approved makes in all colors and shades laid on 20 MM thick Cement Size: (600mm x 600mm)	496502.70	20,000/-	One month

Last date for sale of tender : 07.07.2016 upto 5.00PM
Last date for submission of tender in the office : 08.07.2016 upto 2.30 PM
Opening of tender : 08.07.2016 at 3.00 PM
Cost of Tender : Rs. 1000/- (Non refundable)

Desirous and eligible agencies to download the schedule and details may visit CIRB website www.cirb.res.in and deposit the fee of Rs. 1000/- (Non refundable) along with requisite EMD at the time of filing of tender. The rates on schedule and requisite eligibility documents should be filed along with requisite documents in separate envelopes submitted both together in a bigger envelope in case the tender is downloaded from the net, else the tender will be rejected. The schedule of work can also be purchased on payment of Rs. 1000/- (Non refundable) from Purchase Section of this Institute during office hours on any working day by producing the eligibility documents and depositing the earnest money in the form of Pay Order/DD favoring Director, CIRB, Hisar. The Director CIRB reserves the right to reject or accept any tender without assigning any reason.

Asstt. Admn. Officer

Name of Work: Providing and laying vitrified floor tiles in different sizes thickness.

SLNo	Description of Items	Qty	Unit	Rates Rs.	Per	Total Amount Rs.
1	Providing and laying vitrified floor tiles in different sizes thickness to be specified by the manufacture with water absorption less than 0.08% and conforming to IS 15662 of approved makes in all colors and shades laid on 20 MM thick Cement Size: (600mm x 600mm)	354	Sqm		Sqm	
	Total:					

Subject to the following terms & conditions:

1. The work shall be executed as per CPWD specifications.
2. Income Tax, work Tax & work cess as per norms shall be recovered from the bill
3. 1% water & electricity charges will be recovered from the bill if supplied by the Department.
4. The work shall start within 10 days from the date of award and complete within One month failing which a penalty @1%per day delay will be imposed on the bill amount maximum upto 10%.
5. All the material, laboures, T & P etc. required will be arranged by the firms itself.
6. The agency shall deposit security @10% of the sanctioned amount including EMD.
7. Any other item to be required at site to complete the work Shall be executed as per lowest quoted rates.
8. The rates quoted shall remain valid for 180 days from the date of opening of quotations/tenders.
9. The Director, CIRB, has the right to reject any or all the quotations/tenders without assigning any reason.
10. The quantity of work may be increased or decreased at the time of execution of work.
Percentage rate to be quoted above or below in figures.....

In words.....

Name & Signature of the Agency.....

(B.P Singh)
Incharge Estate Section

(Work/Item No. 2)

TENDER FOR SUPPLY & INSTALLATION OF SOLAR WATER HEATING SYSTEMS AT ICAR-CENTRAL INSTITUTE FOR RESEARCH ON BUFFALOES, SIRSA ROAD HISAR.

1. Name of Work Supply and installation of Solar Water Heating Systems for Guest House of ICAR-CIRB, Sirsa Road, Hisar
2. Estimated cost Approx Rs 383250/-
3. Eligibility of contractor Empanelled / Pre-Qualified / Approved Contractors/ Manufacturers/ SUPPLIER of SOLAR WATER HEATER from HREDA or MNRE.

Sr. No.	Description of work	Approx Qty	Unit Rate Approx (Rs)	Total Amount
1	Supply, installation and commissioning of Units 250-300 LPD capacity at 60° C Evacuated Tube Collector (ETC) model solar water heating systems consisting of Tank thickness minimum 1.2 mm, Glass Line coating inside the hot water storage tank , side access doors of hot water storage tank for cleaning & maintenance , Tube Quality must be 3 T (Gold), Tube size must be 58 mm by 1800 mm, Tank need to be sustain Up to 1500 Chloride PPM, Gate valves , NRV , Air vent including system internal piping, with GI pipes B class with insulation, and civil works including installation and making the system completely functional.	5 Unit	60,000.00	3,00,000
2	Supply, Installation and commissioning of cold water storage tank of capacity a) 1500 Liter b) 500 Liter Tanks should be of 3 layers or more, including installation, MS stand of requisite height and legs suitably grouted with PCC 1:2:4 of size (30 x 30 x 30) cm	1 no. 1 no.	15000.00 5000.00	20,000
3	Supply, Installation and commissioning of cold water pipeline, 25 mm, of CPVC from the source to storage tank including necessary accessories like Union's, Tee's, Elbow's, Socket's, Float Valve & Saddles etc.	75 meter	150.00	11250
4	Supply, Installation and commissioning of HOT Water pipe line of CPVC pipeline after 6 mtr flow from the above systems including necessary accessories like Union's, Tee's, Elbow's, Socket's, Float Valve & Saddles etc. Hot Water pipeline be insulated with 9mm thick nitrile insulation from system to end points and can withstand temperature up to 100 degree centigrade. a) 25 mm Dia. b) 20 mm Dia.	In meter 200 100	180.00 160.00	36000 16,000
5	Total			383250

SOLAR EVACUATED TUBES COLLECTOR SPECIFICATIONS
(ETC collectors should be approved from MNRE)

1	Inner tank Material	a)	Tank thickness minimum 1.2 mm
		b)	Glass Line coating inside the hot water storage tank,
		c)	Side access doors of hot water storage tank for Cleaning & maintenance
		d)	Inner Tank guarantee up to minimum 1500 Chloride PPM
2	Hot water tank insulation density	a)	High Density injected PUF insulation: 50mm or more
		b)	High des PUF (poly urethane foam) Insulation of 50 mm thickness between inner and outer tank ensures maximum heat rotenone ever season (maximum up to 48 hours).
3	Tank Stand and supports	a)	Mild Steel L angle with suitable anti corrosive coating
4	Working pressure of the sys tem	b)	Normal, Gravity Feed, Less than 1 kg/cm ²
5	Solar Evacuated tube dimension	a)	Double walled glass Outer Tube Dia 58 mm, Tube Length = 1800 mm & Inner Diameter 47± 0.7 mm
		b)	Thickness of tube at least 1.60 mm.
6	Tube assembling frame	a)	Mild steel section with PP coating.
7	Tube coating	a)	3 T gold with Stamped with company name
Detailed specifications of tubes will be as per the Guidelines laid down by MNRE			

Important Terms & conditions:-

- Supplier should have MNRE approval Letter.
- **Guarantee/Warranty:** The Solar water heating systems shall be warranted against any manufacturing defects for a period of 24 months or more from date of installation.
- At the time of installation of solar water heating systems (SWH) related civil works like plastering, finishing, removal of debris / waste material, making supports of SWH and any other work as required by site conditions etc. to be done by the contractors without any extra cost.
- All repairs and patch works shall be neatly carried out to match with the original finish.
- All the debris due to the installation of SWH shall be cleared every now and then and site shall be kept clean by the supplier at all times.
- The supplier shall be invariably submitting the detailed technical literature / brochure etc. along with general and mandatory documents.
- Time is the essence of the contract and work is required to be completed in all respects within 60 (Six) day from the date of handing over the site.

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No.1-5/CPS/2016-17/V

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S N	Description of work	Approx Qty	Earnest Money	Estimated Cost (Rs.)	Time of Completion
1	Supply, installation and commissioning of Units 250-300 LPD capacity at 60° C Evacuated Tube Collector (ETC) model solar water heating systems consisting of Tank thickness minimum 1.2 mm, Glass Line coating inside the hot water storage tank , side access doors of hot water storage tank for cleaning & maintenance , Tube Quality must be 3 T (Gold), Tube size must be 58 mm by 1800 mm, Tank need to be sustain Up to 1500 Chloride PPM, Gate valves , NRV , Air vent including system internal piping, with GI pipes B class with insulation, and civil works including installation and making the system completely functional.	5 Unit			One Month
2	Supply, Installation and commissioning of cold water storage tank of capacity a) 1500 Liter b) 500 Liter Tanks should be of 3 layers or more, including installation, MS stand of requisite height and legs suitably grouted with PCC 1:2:4 of size (30 x 30 x 30) cm	1 no. 1 no.	19000.00	383250.00	
3	Supply, Installation and commissioning of cold water pipeline,25 mm, of CPVC from the source to storage tank including necessary accessories like Union's, Tee's, Elbow's, Socket's, Float Valve & Saddles etc.	75 meter			
4	Supply, Installation and commissioning of HOT Water pipe line of CPVC pipeline after 6 mtr flow from the above systems including necessary accessories like Union's, Tee's, Elbow's, Socket's, Float Valve & Saddles etc. Hot Water pipeline be insulated with 9mm thick nitrile insulation from system to end points and can withstand temperature up to 100 degree centigrade. a) 25 mm Dia. b) 20 mm Dia.	In meter 200 100			

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Sd/-
Head of Office

Desirous and eligible agencies to download the schedule and details may visit CIRB website www.cirb.res.in and deposit the fee of Rs. 1000/- (Non refundable) along with requisite EMD at the time of filing of tender. The rates on schedule and requisite eligibility documents should be filed along with requisite documents in separate envelopes submitted both together in a bigger envelope in case the tender is downloaded from the net, else the tender will be rejected. The schedule of work can also be purchased on payment of Rs. 1000/- (Non refundable) from Purchase Section of this Institute during office hours on any working day by producing the eligibility documents and depositing the earnest money in the form of Pay Order/DD favoring Director, CIRB, Hisar. The Director CIRB reserves the right to reject or accept any tender without assigning any reason.

Head of Office

Copy to:

1. Incharge Guest House, CIRB, Hisar
2. Finance & Accounts Section
3. Incharge AKMU for upload on website and also CPP Portal. Please provide a copy of the same after uploaded.

Name of Work/Items: SUPPLY & INSTALLATION OF SOLAR WATER HEATING SYSTEMS

S N	Description of work	Approx Qty	Rates (Rs.)	Per Unit	Total Amount (Rs.)
1	Supply, installation and commissioning of Units 250-300 LPD capacity at 60° C Evacuated Tube Collector (ETC) model solar water heating systems consisting of Tank thickness minimum 1.2 mm, Glass Line coating inside the hot water storage tank , side access doors of hot water storage tank for cleaning & maintenance , Tube Quality must be 3 T (Gold), Tube size must be 58 mm by 1800 mm, Tank need to be sustain Up to 1500 Chloride PPM, Gate valves , NRV , Air vent including system internal piping, with GI pipes B class with insulation, and civil works including installation and making the system completely functional.	5 Unit			
2	Supply, Installation and commissioning of cold water storage tank of capacity a) 1500 Liter b) 500 Liter Tanks should be of 3 layers or more, including installation, MS stand of requisite height and legs suitably grouted with PCC 1:2:4 of size (30 x 30 x 30) cm	1 no. 1 no.			
3	Supply, Installation and commissioning of cold water pipeline, 25 mm, of CPVC from the source to storage tank including necessary accessories like Union's, Tee's, Elbow's, Socket's, Float Valve & Saddles etc.	75 meter			
4	Supply, Installation and commissioning of HOT Water pipe line of CPVC pipeline after 6 mtr flow from the above systems including necessary accessories like Union's, Tee's, Elbow's, Socket's, Float Valve & Saddles etc. Hot Water pipeline be insulated with 9mm thick nitrile insulation from system to end points and can withstand temperature up to 100 degree centigrade. c) 25 mm Dia. d) 20 mm Dia.	In meter 200 100			

Subject to the following terms & conditions:

11. Income Tax, work Tax & work cess as per norms shall be recovered from the bill
12. 1% water & electricity charges will be recovered from the bill if supplied by the Department.
13. The work shall start within 10 days from the date of award and complete within One month failing which a penalty @1%per day delay will be imposed on the bill amount maximum upto 10%.
14. All the material, laboures, T & P etc. required will be arranged by the firms itself.
15. The agency shall deposit security @10% of the sanctioned amount including EMD.
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18. The Director, CIRB, has the right to reject any or all the quotations/tenders without assigning any reason.
19. The quantity of work may be increased or decreased at the time of execution of work.
Per rate to be quoted above or below in figures.....

In words.....

Name & Signature of the Agency.....

(A.K.S. Tomer)
Incharge Guest House