



केन्द्रीय बागवानी परीक्षण केन्द्र  
**CENTRAL HORTICULTURAL EXPERIMENT STATION**

(ICAR-Indian Institute of Horticultural Research, Bengaluru)

ISO 9001:2015 INSTITUTE

(भा.कृ.अनु.प.-भारतीयबागवानीअनुसंधानसंस्थान, बेंगलुरु)

**DARE, Ministry of Agriculture and Farmers Welfare, Govt. of India**

**Aiginia, Bhubaneswar - 751 019, Odisha**

Phone: 0674 - 2471712 / 2471867

Email: [chesb.iihr@icar.gov.in](mailto:chesb.iihr@icar.gov.in)



## **STANDARD BIDDING DOCUMENTS FOR ICAR**

### **NAME OF THE WORK:**

**CONSTRUCTION OF SUN/RAIN SHELTER AT ICAR-IIHR-  
CHES, BHUBANESWAR**

**Due Date for Tender Submission: 17.09.2024 at 15.00 Hrs**

**Date of opening of Tender: 17.09.2024 at 16.00 Hrs.**

P.S. : Please return this original document failing which the Tender shall be ignored



# केन्द्रीय बागवानी परीक्षण केन्द्र CENTRAL HORTICULTURAL EXPERIMENT STATION

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फा./सं.F.No.III-1-50/SP-2022/

Date.27.08.2024

सेवा में/To

M/S \_\_\_\_\_

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\_\_\_\_\_

**विषय/ Sub: LIMITED TENDER FOR CONSTRUCTION OF SUN/RAIN SHELTER AT ICAR-IIHR-CHES, BHUBANESWAR UNDER MI--reg.**

**महोदय/Sir,**

Limited tender invited for **CONSTRUCTION OF SUN/RAIN SHELTER AT ICAR-IIHR-CHES, BHUBANESWAR UNDER MI** as indicated below, quotation for which will be opened at 16.00 hrs on 17.09.2024 and you are invited to submit your most competitive quotation on or before 17.09.2024 BY 15.00 hours for the same. All the relevant details are given below:

- i) DETAILS SPECIFICATION FOR **CONSTRUCTION OF SUN/RAIN SHELTER AT ICAR-IIHR-CHES, BHUBANESWAR UNDER MI.**
- ii) Terms of Execution of work :Place of construction at site viz. CENTRAL HORTICULTURAL EXPERIMENT STATION, AIGINIA, BHUBANESWAR-751019.
- iii. Price Structure
  - a) The agencies/firms shall quote for the complete requirement for **CONSTRUCTION OF SUN/RAIN SHELTER** as shown against a serial number in the list of requirements in Annexure-I, the agencies/contractors are however free not to quote against all the serial numbers mentioned in the List of Requirements (in case there are more than one serial number in the List of Requirements).d) The rates and prices quoted by the agencies/contractors shall remain firm and fixed during the currency of the contract and shall not be subject to variation on any account. Whatsoever, including statutory variations, if any
  - 02) The agency/contractor is advised to inspect the site and its surrounding and satisfy themselves before submitting their tenders as to the nature of the ground and sub-soil, the firm and nature of the site, the means of access to the site, and in general shall themselves obtain all necessary information as to risks, contingencies and other circumstances which may influence or effect their tender. The agency/contractor shall be deemed to have full knowledge of the site whether he inspects it or not and no extra charges consequent upon any misunderstanding or otherwise shall be allowed. The agency/contractor shall be responsible for arranging and maintaining at his own cost all materials, tools and plants, facilities for workers and all other services required for executing the work unless otherwise specifically provided for in the contract documents. Submission of a quotation by a agency/contractor implies that he has read this notice and all other contract documents and has made himself aware of the scope and specification of the work to be done and all the stores, tools and plant, etc. to be arranged by him by the Government and local conditions and other factors having a bearing on the execution of the work
  - 03) The contractor/agency has to arrange water and electricity at their own cost.
  - 04) Income tax at the rate of 2% and TDS on GST as applicable will be deducted from the bill of the executing agency/contractor.
  - 05) The Competent Authority on behalf of the Director, ICAR-IIHR does not bind himself to accept the lowest or any other quotation, and reserves right to reject any or all of the quotation received without assigning any reasons. All tenders, in whom any of the prescribed conditions are not fulfilled or are incomplete in any respect, are liable to be rejected.

- 06) The competent Authority on behalf of the Director, ICAR- IIHR reserves right of accepting the whole or any part of the quotation and the agency/quotation shall be bound to accept the same at the rate quoted.
- 07) The quotation for the works shall remain open for acceptance for a period of 180 days from the date of opening of quotations.
- 08) GST, Purchase tax, turnover tax or any other tax on material in respect of this contract shall be payable by the agency/contractor and IIHR (ICAR), CHES, BBSR will not entertain any claim whatsoever in respect of the same.
- 09) The successful agency/contractor have to complete the work as detailed in the schedule to quotation based on the work order.
- 10) The Station will not be responsible for any loss or damage in transit. Insurance if any require has to be done by the Agency/Contractor at his own cost.
- 11) Materials to be purchased and test for various items of works to be carried as per CPWD/State PWD specifications or ISI standard. The work is to be carried out under the supervision of Engineer/Works & Estate In-Charge of this Station.
- 12) TIME OF COMPLETION OF WORK TO BE ADHERED STRICTLY.
- 13) Payment will be arranged only after satisfactory completion of work/Certification and approval by the Competent Authority. No advance/part payment will be made.
- 14) The agency/contractor has to deposit 10% of the total cost of the Project as Performance Security Deposit, which shall be released on receipt of request letter from the contractor/agency after "Defects Liability Period is completed.
- 15) The agency/contractor to whom work has been awarded will be the principal employer for the labour force. The Station will have no liability in this regard.
- 16) Implements/materials required for the above work should be provided by the contractor/agency. The firm has to make their own arrangements for accommodation/food of the labourers. The firm shall pay all compensations etc. including accident compensations due to their labourers. The Station will not be responsible for any claim by the labourers engaged by the firm.
- 17) Arbitration for all disputes between the agency and the Station in connection with the works shall be referred to the sole Arbitrator so appointed shall be final and binding on both the parties. Only courts in Bhubaneswar shall have jurisdiction over any suit arising out of this transaction.
- 18) You have to submit the Contractor licence/REGISTRATION CERTIFICATE, Income tax clearance Certificate, GST Registration, PAN Card copy with copy of Experience Certificate of executing similar works along with the following information:**
- |   |   |
|---|---|
| 01. Name of the Firm/Contractor           | : |
| 02. Name of the Bank                      | : |
| 03. IFSC Code of Bank                     | : |
| 04. Name of Account and Account Number    | : |
| 05. Branch Name & Branch Code             | : |
| 06. TIN NUMBER                            | : |
| 07. GST REGISTRATION NUMBER               | : |
| 08. MOBILE NO. and E-mail address, if any | : |
- 19) Before the execution of the work, they agency/contractor has to enter into an agreement with the Station.
- 20) The quotation addressed to the **HEAD, CENTRAL HORTICULTURAL EXPERIMENT STATION, AIGINIA, BHUBANESWAR: 751019**, should reach **on or before Dt. 17.09.2024 by 03.00 P.M. by post/by hand in a sealed cover super scribing Limited Tender for CONSTRUCTION OF SUN/RAIN SHELTER,** Due date of opening **17.09.2024 at 4.00 PM.**
- 21) The under signed reserves the right to cancel/reject the work order/quotation/contract at any time without assigning any reasons thereof.
- Encl: Annexure-I

Sd/-  
HEAD.

**CENTRAL HORTICULTURAL EXPERIMENT STATION**  
**AIGINIA, BHUBANESWAR-751019.**

*Annexure-I*

**NAME OF THE WORK: CONSTRUCTION OF SUN/RAIN SHELTER**

**CONSTRUCTION SITE: VEGETABLE AREA, ICAR-IIHR-CHES, AIGINIA, BHABANESWAR, ODISHA**

Sl No.	Description of items	Qty	Unit	Rate(Rs.)	Amount(Rs.)
<b>1</b>	Earth work in excavation by mechanical means. (Hydraulic excavator) /manual means in foundation trenches or drains (not exceeding 1.5 m width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift up to 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m. All kinds of soil.				
	4 x 1.20 m x 1.20 m x 1.5 m	8.64			
	15.00 m x 0.90 m x 0.90 m	12.15			
		20.79	M <sup>3</sup>		
<b>2</b>	Supplying and filling in plinth with sand under floors, including watering, ramming, consolidating and dressing complete.				
	4 x 1.20 m x 1.20 m x 0.30 m	1.73			
	15.00 m x 0.90 m x 0.20 m	2.70			
	3.60 m x 3.00 m x 0.45 m	4.86			
		9.29	M <sup>3</sup>		
<b>3</b>	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:1:4:8 (1 Cement: 4 coarse sand (zone-III): 8 graded stone aggregate 40 mm nominal size)				
	4 x 1.20 m x 1.20 m x 0.15	0.86			
	15.00 m x 0.90 m x 0.10 m	1.35			
	3.60 m x 3.00 m x 0.10 m	1.68			
		3.89	M <sup>3</sup>		
<b>4</b>	Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. above plinth level up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement :1:1.5:3 (1 cement: 1.5 coarse sand(zone-III): 3 graded stone aggregate 20 mm nominal size)				
	4 x 1.20 m x 1.20 m x 0.10 m	0.58			
	4 x 0.50 m x 0.50 m x 0.40 m	0.40			
	4 x 0.30 m x 0.30 m x 2.30 m	0.83			
		1.81	M <sup>3</sup>		

<b>5</b>	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15" landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases above plinth level up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement with 1:1.5:3 (1 cement: 1.5 coarse sand (zone-III): 3 graded stone aggregate 20 mm nominal size).				
	15 m x 0.25 m x 0.15 m	0.56			
	9.60 m x 0.90 m x 0.10 m	0.86			
		1.42	M <sup>3</sup>		
<b>6</b>	Centering and shuttering including strutting, propping etc. and removal of form for Columns, Pillars, Piers, Abutments, Posts and Struts				
	4 x 2.00m x 0.40 m	3.20			
	4 x 1.20 m x 2.30 m	11.04			
		14.24	M <sup>2</sup>		
<b>7</b>	Centering and shuttering including strutting, propping etc. and removal of form for: Lintels, beams, plinth beams, girders, bressumers and cantilevers)				
	15.00 m x 0.30 m	4.50			
	9.60 m x 0.60 m	5.76			
		10.26	M <sup>2</sup>		
<b>8</b>	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level. Hot rolled deformed bars.				
	1.20 m x 1.81 m = 2.17				
	1.00 m x 1.42 = 1.42	3.59			
		359.00	Kg		
<b>9</b>	Brick work with non modular fly ash bricks conforming to IS:12894, class designation 10 average compressive strength in super structure above plinth level up to floor V level in: Cement mortar 1:6 (1 cement: 6 Coarse sand)				
	2 x 3.90 m x 0.40 m x 0.30 m	0.94			
	2 x 3.30 m x 0.40 m x 0.30 m	0.79			
	3 x 3.90 m x 0.25 m x 1.80 m	3.51			
	2 x 3.30 m x 0.25 m x 1.80 m	2.97			
		8.21	M <sup>3</sup>		
<b>10</b>	Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete. Hot finished seamless type tubes.				

	Post (80mm x 80mm x 4mm)				
	4 x 4.20m 16.80m @ 8.36kg/m	140.44			
	Truss system (50mm x 50mm x 3.6mm)				
	For one truss: 1 x 3.30 + 2 x 2.30 + 0.9 = 8.80m				
	2 x 0.60 + 2 x 1.0 = 12.00 m				
	20.8m @ 5.05kg/m	104.62			
	Purlin system (32mm x 32mm x 3.2mm)				
	6 x 3.60m 21.60m @ 3.1kg/m	66.96			
		312.02	kg		
<b>11</b>	Providing and fixing precoated galvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.50 mm (+0.05%) total coated thickness with zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length up to 12 metre or as desired by Engineer in-charge. The sheet shall be fixed using self drilling/self tapping screws of size (5.5x 55 mm) with EPDM seal, complete up to any pitch in horizontal/ vertical or curved surfaces, excluding the cost of purlins, rafters and trusses and Including cutting to size and shape wherever required.				
	2 x 4.00 m x 2.40 m	19.20	M <sup>2</sup>		
<b>12</b>	Providing and fixing precoated galvanised steel sheet roofing accessories 0.50 mm (+0.05%) total coated thickness, Zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns using self drilling/self tapping screws complete Ridges plain (500-600mm)	4.00	mt		
<b>13</b>	20 mm cement plaster of mix:1:4 (1 cement: 4 fine sand) (Item code: 13.3.1)				
	Outside: 15m x 1.8m	27.00			
	Inside: 13.2m x 1.2m	15.84			
	Slab: 2 x 10.00m x 1.2m	24.00			
	15m x 0.30m	4.50			
		71.34	M <sup>2</sup>		
<b>14</b>	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:1:2:4 (1 Cement: 2 coarse sand (zone-III): 4 graded stone aggregate 40 mm nominal size)				
	3.60 m x 3.00 m x 0.08 m	0.86	M <sup>2</sup>		
<b>15</b>	Cement concrete flooring 1:2:4 (1 cement: 2				

	coarse sand: 4 graded stone aggregate) finished with a floating coat of neat cement, including cement slurry, but excluding the cost of nosing of steps etc. complete.				
	3.60 m x3.00 m	10.80	M <sup>2</sup>		
<b>16</b>	Finishing walls with Acrylic Smooth exterior paint of required shade: New work (Two or more coat applied @1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm)				
	15.00 m x 1.80 m	27.00	M <sup>2</sup>		
<b>17</b>	Finishing with Deluxe Multi surface paint system for interiors and exteriors using Primer as per manufacturers specifications: Two or more coats applied on walls @ 1.25 ltr/10 sqm over and including one coat of Special primer applied @ 0.75 ltr/10 sqm				
	13.20m x 1.20m				
	15.00m x 0.30m				
		20.34	M <sup>2</sup>		
<b>18</b>	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade: Two or more coats on new work				
	2 x 3.60 m x 1.00 m	7.20			
	4 x 0.50 m x 1.80 m	3.60			
	2x 3.60m x 0.50 m	3.60			
		14.40	M <sup>2</sup>		
<b>19</b>	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings This includes jointing of pipes & fittings with one step CPVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge 20 mm nominal outer dia Pipes	50.00	Mt.		
<b>20</b>	Providing and fixing brass bib cock of approved quality: 15 mm nominal bore	1.00	Nos.		
<b>21</b>	Providing and fixing gun metal gate valve with C.I. wheel 1.00 of approved quality (screwed end) 25 mm nominal bore	1.00	Nos.		
<b>22</b>	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size (10 sq.mm) direct in ground including excavation, sand cushioning, protective covering and refilling the trench etc as required.	100.00	Mtrs		
<b>23</b>	Supplying of 10sq.mm(2core) PVC insulated and PVC sheathed/XLPE power cable of 1.1 KV grade as required.	100.00	Mtrs		
<b>24</b>	Wiring for light point/ fan point/exhaust fan point/call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed PVC conduit, with modular	2.00	Points		

	switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required.				
25	Supplying and fixing of 32A DP MCB with enclosure box as required.	1.00	No.		
26	Wiring for circuit/ submain wiring along with earth wire with the following sizes (2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire) of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required.	4.00	Mtrs		
27	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 3 pin 5/6 A modular socket outlet and 5/6 A modular switch, connections etc. as required.	1.00	Nos		
28	Earthing with G.I. earth pipe 4.5 metre long, 40 mm dia including GI wire accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal/ coke and salt as required.	1.00	Nos		
29	Supplying and fixing of 20W LED batten light as required.	1.00	Nos.		
30	Supplying and fixing of 78W high speed ceiling fan (48") with good star rating as required.	1.00	No.		
31	Supplying and fixing of light class G.I. pipe of 50 mm dia. (nominal) 3 metres length along the pole for protection of underground cable as required.	1.00	Nos.		
	Total			Rs.	

**Rate quoted should be inclusive of all labour charges, transport charges, taxes, earth work or any other essential indispensable expenses thereof, beyond the above specifications and accessories (to be indicated separately).**

**SIGNATURE WITH SEAL**



**Page 4 of 4**

We agree to supply the above goods and allied services. We confirm that the same will meet the description, specification and other technical details as required in the enquiry

We confirm that we agree to all other terms and conditions of your tender enquiry including the terms of delivery, period of delivery and warranty provision.

We have furnished all the information, as required in the tender enquiry and attached the relevant documents.

(in case a tenderer desires to put some additional / modified stipulations, terms and conditions etc., the same may be clearly indicated).

We confirm that our offer will remain valid for acceptance for \_\_\_\_\_ days after the date of opening of tenders.

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Signature, name and designations of the authorized executive of the tendering firm)

For and on behalf of \_\_\_\_\_  
(Name and address of the tendering firm)

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(Seal of the tendering firm)

DATED :

PLACE :