

Regional Plant Resource Center



**EXPRESSION OF INTEREST FOR PRPARATION OF DETAILED
PROJECT REPORT FOR CONSTRUCTION/RENOVATION OF
DIFFERENT STRUCTURES FOR MASS PROPAGATION AND
BREEDING OF ORCHIDS AND BANANA**

1. Annexure – I : EOI Notice.
2. Annexure – II : Scope of Contract.
3. Annexure – III : General Guideline, Eligibility and Selection Process.

FOREST AND ENVIRONMENT DEPARTMENT, GOVERNMENT OF ORISSA, NAYAPALLY, BHUBANESWAR
751015, ORISSA, INDIA,
PHONE: 91 674 2552002, 2557925, FAX: 91 674 2550274
E-mail: rprcbbsr@gmail.com, Website: www.rprcbbsr.com

EOI NOTICE

Annexure-I



**EXPRESSION OF INTEREST IN MAKING DETAIL PROJECT REPORT FOR
CONSTRUCTION/RENOVATION OF DIFFERENT STRUCTURES OF THE
ESTABLISHMENT OF MASS PROPAGATION AND BREEDING FACILITY OF
ORCHIDS AND BANANA RESEARCH LABORATORY**

No.197 /RPRC

Dated 25.01. 2018

Expression of Interest (EoI) in sealed covers are invited from Greenhouse Manufacturers/ Erectors/ Construction Firms/ Agencies for submission of **Detailed Project Report** (i.e. preparation of estimate, drawing, design, Bill of quantity, detail technical specification of materials to be used in the work including analysis of Labour & material components etc.) towards construction of new Orchid poly houses, composite green house with provision of A.C, Construction of primary hardening chamber, Construction of secondary hardening chamber, Construction of work shed with working platform, Construction of storage & packing space, Renovation of 7 rooms in lab and Renovation of Banana Research Facility at Regional Plant Resource Center, Bhubaneswar.

Interested and eligible participant having experience on similar nature of work for submission of **Detailed Project Report only** (i.e. preparation of estimate, drawing & design (AutoCAD soft copy & 3D pictures), Bill of quantity, detail technical specification of materials to be used in the work including analysis of Labour & material components) etc. and technical data in the format stipulated to be downloaded from center's website(www.rprcbbsr.com) and to be submitted through **Registered Post/Speed Post/Courier** on or before **5.00 P.M of 15.02.2018** .After site inspection a discussion for clarifying any doubts on intended specification will be held on **05.02.2018 at 4.00 P.M** with the prospective applicants in the office of the undersigned. The firms are required to submit their charges/fees for preparation of **Detailed Project Report** (The Cost need to be provided in terms of percentage of total approved project cost). The sealed cover must be superscribed with **“EXPRESSION OF INTEREST for construction/ renovation of different structures for mass propagation and breeding facility of orchids and banana.** The authority has the right to reject the offer at any stage of the bid including selection process without assigning any reason thereof.

Sd/-

Administrative Officer

SCOPE OF CONTRACT

1. Construction of new Orchid poly houses (15 No):-

- i) The structure will be of each 2000 sq-ft (100ft x 20ft).
- ii) Flat/Dome type structure.
- iii) The structure will be used to grow orchid plants
- iv) Top will be covered with shade net and UV stabilized polythene and the walls will be covered with insect net.
- v) Height will be of 12-20 feet.
- vi) Proper irrigation and fertigation facility.
- vii) Double door entry.
- viii) Proper chain link fencing.
- ix) Automatic irrigation and fertigation facility.

2. Construction of composite green house with provision of A.C (1No) :-

- i) The structure will be of 1200 sq. ft.
- ii) Small chamber of 180 sq ft. will be made with AC and racks for growing plants. Racks will be provided with light sources
- iii) Exhaust fan will be provided.
- iv) Cooling pad will be used to reduce the temperature
- v) Double door entry.
- vi) Yellow adhesive strips for insect trap.
- vii) Raised bed with G.I structure.
- viii) Automatic Misting facility.
- ix) Roof need to be transparent for the proper lighting system and to maintain 35000 LUX light intensity, if required shade nets will be provided.
- x) Temperature, humidity and light intensity recording system need to be installed.
- xi) Walking path need to be provided.
- xii) Proper drainage systems need to be provided
- xiii) To reduce the temperature aluminum net will be provided at ceiling height.
- xiv) Good quality water facilities need to be there.
- xv) Gutter will be provided.
- xvi) P.H& Water supply system will be provided

3. Construction of primary hardening chamber (1No) :-

- xvii) The structure will be of 1200 sq. ft.
- xviii) Exhaust fan will be provided.
- xix) Cooling pad will be used to reduce the temperature
- xx) Double door entry.
- xxi) Yellow adhesive strips for insect trap.

- xxii) Raised bed with G.I structure.
- xxiii) Automatic Misting facility.
- xxiv) Roof need to be transparent for the proper lighting system and to maintain 35000 LUX light intensity, if required shade nets will be provided.
- xxv) Temperature, humidity and light intensity recording system need to be installed.
- xxvi) Walking path need to be provided.
- xxvii) Proper drainage systems need to be provided
- xxviii) To reduce the temperature aluminum net will be provided at ceiling height.
- xxix) Good quality water facilities need to be there.
- xxx) Gutter will be provided.
- xxxi) Water supply system will be provided

4. Construction of secondary hardening chamber (1No) :-

- i) The structure will be of 1200 sq. ft.
- ii) On the top it will be covered with polythene and side wall will be covered with insect shade net.
- iii) Light intensity will be reduced with the use of 35% shade net.
- iv) Double door entry.
- v) Yellow adhesive strips for insect trap.
- vi) Raised bed (GI based) with sand floors.
- vii) Misting facility.
- viii) Temperature, humidity and light intensity recording system need to be installed.
- ix) Walking path need to be covered with floor tiles.
- x) Proper drainage system needs to be provided.
- xi) Pesticide line and automatic fertilizer system
- xii) Water supply system will be provided

5. Construction of work shed with working platform (1No) :-

- i) The structure will be of 1200 sq. ft.
- ii) On the top it will be covered with GI sheets and side walls will be covered with brick walls.
- iii) Cement floor
- iv) Windows for proper ventilation
- v) Provision of wash basins for washing pots.
- vi) Installation of working bench
- vii) Racks for storage
- viii) Water facilities
- ix) Provision of toilet

6. Construction of storage and packing space (1No) :-

- i) The structure will be of 444 sq. ft

- ii) On the top it will be covered with GI sheets and side walls will be covered with brick walls.
- iii) Cement floor
- iv) Windows for proper ventilation
- v) Racks for storage

7. Renovation of laboratories for orchid

- i) The structure will be of 3000 sq. ft.
- ii) On the top it will be covered with GI sheets.
- iii) Vitrified Tile floor
- iv) Windows for proper ventilation
- v) Provision of wash basins for washing pots.
- vi) Installation of working bench
- vii) Racks for storage
- vi) Water facilities
- vii) Electric facilities

8. Renovation of banana research laboratory

- i) The structure will be of 3000 sq. ft.
- ii) On the top it will be covered with GI sheets.
- iii) Vitrified Tile floor
- iv) Windows for proper ventilation
- v) Provision of wash basins for washing pots.
- vi) Installation of working bench
- vii) Racks for storage
- viii) Water facilities
- ix) Electric facilities

9. The total project cost will be approximately Rs.142.00 Lakhs

10. All the documents provide by the firm shall remain to be the property of RPRC.

Sd/-

Administrative Officer

GENERAL GUIDELINES AND ELIGIBILITY FOR SELECTION

1. Interested and eligible participants having experience on similar nature of work for submission of **Detailed project report only** (i.e. preparation of estimate, drawing& design (AutoCAD soft copy & 3D pictures),Bill of quantity, detail technical specification of materials to be used in the work including analysis of Labour & material components) etc. and technical data in the format stipulated to be downloaded from center's website(www.rprcbbsr.com) and to be submitted through **Registered Post/Speed Post/** on or before **5.00 P.M of 15.02.2018.**

2. Eligibility Criteria:-.

- i) Copy of Regd. Certificate as Greenhouse Manufacturers/ erectors/ Construction firms/Agencies.
- ii) Copy of PAN card for Income Tax with up to date clearance certificate.
- iii) Copy of Valid GST registration certificate along with copy of challan deposit.
- iv) Minimum 03(Three) years of experience in the field of Green house/Poly house/Net house in supply, installation and maintenance/ Construction of Buildings as per completion certificate obtained from institution/ individual.
- v) The agency should have minimum Average Annual Turnover of Rs 10 lakhs during the last 3 years (2014-15, 2015-16 & 2016-17) and enclose the same duly certified by Chartered Accountant .
- vi) The agency should have constructed or prepared project report for at least 30 numbers of Green house/Poly house/Net house Building construction in Govt. sector/PSU/Semi Govt in last 3 years as on 31.12.2017. Similarly, for the construction firms should have sufficient expertise in the construction of buildings.
- vii) Documents showing execution of similar type of work in Odisha Horticulture Department/ any other Govt. organizations in the state of Odisha.
- viii) Copy of work order/Completion certificate implemented similar nature or work during last 5 years indicating the location, cost & present position of the projects.

- 4) After site inspection a discussion for clarifying any doubts on intended specification will be held on **05.02.18 at 4.00 P.M** with the prospective applicants in the office of the undersigned.
- 5) The decision of RPRC authority on short-listing and selection of firm is final and no claim liability etc. would be entertained..
- 6) The RPRC authority has the right to reject the offer at any stage including selection process without assigning any reason thereof.

Sd/-

Administrative Officer