

GRAMS: DRYLAND
E-mail: root@crida.ernet.in
FAX: 040-24531802
Web Site : http://www.crida.ernet.in

Phone : 040-24532265
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040-24532243



**Central Research Institute for Dryland Agriculture
Santoshnagar, Said bad Post, Hyderabad – 500 059**

INVITATION TO TENDER AND INSTRUCTIONS TO TENDERERS

Tender Form No.

Date:

Cost of Tender: Rs. 200-00
D.D.No. :
Dated:

Bank:
Branch:

To

Dear Sirs,

On behalf of the Director, Central Research Institute for Dryland Agriculture, I invite you to tender for works as per the details furnished in the Tender Form attached herewith. The conditions of contract for undertaking the work as per the details furnished here under will be of any contract applicable to the Order placed by Central Research Institute for Dryland Agriculture, Indian Council of Agricultural Research and Research Institutes under it and special conditions detailed in the tender form (attached herewith). If you are in a position to quote for the same as per the details furnished in accordance with the requirements stated please submit your quotations in the Annexure of schedule to tender form, in original.

The complete set of the Tender form including annexure in original may be submitted to office after signing on all pages by the tenderer.

Yours faithfully

Assistant Administrative Officer

TERMS AND CONDITIONS OF TENDER – PART I

Only in exceptional cases and for adequate reasons telegraphic or letter quotations will be considered if they are received from firms who are in the approved list of contractors maintained by the Indian Council of Agricultural Research provided those telegraphic or letter quotations are complete in all respects with regard to price, (itemised prices where necessary), specification, delivery and other particulars essential to enable a purchase decision to be taken and provided also the quotations are confirmed within three days from the date of receipt of tender in the prescribed form.

1. **EARNEST MONEY:** Earnest Money deposit as mentioned in the tender schedule may be paid by way of Demand Draft drawn on any schedule bank in favour of **“ICAR UNIT ACCOUNT, CRIDA, Hyderabad”** payable at State Bank of India, Edi Bazar, Hyderabad. The DD towards EMD may please be enclosed to the tender form and the tender submitted to the Director, Central Research Institute for Dryland Agriculture, Saidabad Post, Santoshnagar, Hyderabad – 500 059. Any other mode of payment will not be accepted.
2. **THE TENDER SHALL NOT BE CONSIDERED IF THE DD OF EARNEST MONEY DEPOSIT IS NOT SENT WITH THE TENDER:** No request for transfer of any previous deposit of earnest money will be entertained. It is understood that the tender document has been issued to the tenderer and the tenderer is being permitted to tender in consideration of the stipulation of his part that after submitting his tender, he will not reside from his offer or modify the terms and conditions thereof. Should the tenderer fail to observe and comply with the forgoing stipulation; the aforesaid amount will be forfeited to the Central Research Institute for Dryland Agriculture, Indian Council of Agricultural Research. In the event of the offer made by the tenderer not being accepted the amount of earnest money deposited by the tenderer will be refunded to him after he has applied for the same in a manner prescribed by Central Research Institute for Dryland Agriculture, Indian Council of Agricultural Research. The Earnest Money should not on any account fall short of the amount actually required.
3. **PREPARATION OF TENDER :**
 - a) The complete set of tender form should be returned in tact **in original** and pages should not be detached but when the rates are not being tendered for the corresponding space should be defaced by words as “Not Quoting”.
 - b) If any modification of the schedule is considered necessary you should communicate the same by means of a separate letter sent with the Tender.
 - c) In the event of space on the schedule form being insufficient for the required purpose, additional pages may be added. Each such additional page must be numbered consecutively, bearing the Tender number and be fully signed by you. In such cases reference to the additional pages must be made in the tender form.

(SIGNATURE OF TENDERER)

4. **SIGNING OF TENDER:**

a) The tender is liable to be ignored if complete information is not given therein or of the particulars and date if any asked for in the schedule to the tender are not fully filled in, **specific attention must be paid to the delivery dates and also to the general conditions** of the contract as the contract would be governed by them.

b) Individual signing the tender or other documents connected with the contract must specify whether he signs as:

(i) 'sole proprietor' of the firm or constituted attorney of such sole proprietor.

ii) A partner of the firm if it be a partnership, in which case he must have authority to refer to arbitration dispute concerning the business of the partnership either by virtue of the partnership agreement or a power of attorney.

iii) Constituted attorney of the firm if it is a company.

NOTE:

- 1) In case of (ii) a copy of the partnership agreement or general power of attorney, in either case attested by a Notary Public, should be furnished and affidavit on stamped paper of all the partners admitting execution of the partnership agreement or the general power of attorney should be furnished.
- 2) In the case of partnership firms, where no authority to refer disputes concerning the business of the partnership has been conferred on any partner, the tender and all other related documents must be signed by every partner of the firm.
- 3) A person signing the tender form or any documents forming parts of the contract on behalf of another shall be deemed to warrant that he has authority to bind, such other and it, on enquiry it appears that the person so signing had no authority to do so, the purchaser may, without prejudice to other civil and criminal remedies cancel the contract and hold the signatory liable for all costs and damages.
- 4) Each page of the tender, schedule to tender and annexure, if any, should be signed by the tenderer and returned to the institute in **original after filling.**
- 5) **DELIVERY OF TENDER:** The **original** copy of the tender is to be enclosed in a double cover. The inner cover should be sealed and the outer cover should bear only address of this office without any indication that there is a tender within.

(SIGNATURE OF THE TENDERER)

Right is reserved to ignore any tender which fails to comply with the above instructions. All tenders should be sent by registered posts or delivered in person to the Institute. A separate "tender box" has been kept for this purpose in the Institute. Only one tender should be included in a cover, all tenders so enclosed in one cover be liable to be ignored.

6. **LATEST HOUR FOR RECEIPT OF TENDERS:** Unless otherwise specified in the schedule to tender your tender must reach this office not later than hours on the date of opening of the tender. Tenders sent by hand delivery should be put in the Tender Box at this office not later than hours on the due date unless otherwise stipulated in the schedule to tender.

7. **PERIOD FOR WHICH THE OFFER WILL REMAIN OPEN:**

- i) Firms tendering should note that their offers should remain open for **acceptance for 90 days from the date of opening of tender.** If the firms are unable to keep their offers open for the specified period, they should specifically state in the tender form the period upto which they want their tenders to remain open for acceptance. In the absence of such specifications in the tender, it will be assumed that their offers will remain open for acceptance for a period of 90 days from the date of opening.
- ii) Quotations qualified by such vague and indefinite expressions such as **"subject to immediate acceptance"** will not be considered.

8. **OPENING OF TENDER :**

You are at liberty to be present or authorize a representative to be present at the opening of the tender at the specified time and date. The name and address of the representative who would be attending the opening of the tender on your behalf should be indicated in your tender. Please also state the name and address of your permanent representative, if any.

9. **SAMPLES:** QUOTATIONS WITHOUT SAMPLES WHERE SAMPLES ARE SPECIFICALLY CALLED FOR ARE LIABLE TO BE IGNORED.

- 10) **EXAMINATION OF PATTERNS OF CERTIFIED SAMPLES :**

When sealed patterns of stores are mentioned in the schedule to the tender form of specification in those of certified samples thereof, any be seen at the place stated in the schedule to tender and should be examined by the Competent person on your behalf (who should take this invitation with him) before the tender is submitted.

(SIGNATURE OF THE TENDERER)

11) **THE PRICE MUST BE QUOTED AS BELOW:**

Complete details of the proposed work shall be as per the details mentioned in the tender schedule attached therein.

i) If it is decided to ask for **excise duty/sales tax or any other charges as extra**, the same must be **specifically** stated. In the absence of any such stipulation it will be presumed that the prices include all such charges and no claim for the same will be entertained. It may be mentioned here that the **Institute is not in a position to supply any 'C' or 'D' forms. Please avoid to write expression such as taxes etc., Please indicate exact amount/percentage of taxes, duties etc. payable by the Institute.**

ii) The prices quoted by the tenderers should be exclusive of sales tax (and should be clearly stated to be so) which will be paid by the purchaser, if legally leviable at the rate of ruling on the date of completion as specified in the acceptance of tender.

12) **TERMS FOR COMPLETION WORK:**

The completion of work will be indicated in the work order and they he/they should be completed within the stipulated period, failing which penalty will be imposed as per rules. This is only tentative time normally allowed. However, this may be reduced or enhanced by the Director keeping in view of the exigency of work. No extra charges for labour etc. shall be paid.

13) **RIGHT OF ACCEPTANCE :**

This office does not pledge itself to accept the lowest or any tender and reserves to itself, the right of accepting the whole or any part of the tender.

14) **COMMUNICATION OF ACCEPTANCE:**

Acceptance by the Institute will be communicated by telegram, express letter of acceptance or formal acceptance of tender. In cases where acceptance is communicated by telegram or express letter the formal acceptance of tender will be forwarded to you as soon as possible but the instructions contained in the telegram or express letter should be acted upon immediately. On approval of rates, an agreement is to be executed by the tenderer with the institute on Non-judicial stamp paper value of Rs.100/- the cost of which shall be met by the tenderer.

(SIGNATURE OF THE TENDERER)

15) **RESERVATION OF RIGHTS TO ORDER ADDITIONAL QUANTITY :**

The Director reserves the right to place order on the successful tenderer for additional work at the rates quoted by them.

16) **PRE-INSPECTION OF STORES:**

In case an order is placed on you as a result of this tender you should satisfy yourself that the work is in accordance with the terms of order and fully conform to the required specifications by carrying out through pre-inspection. Such precaution on your part should minimize the chance of rejection in inspection and consequences thereof.

17) **OTHER CONDITIONS:**

- a) **The appropriate specifications (I.S.I., IRS., ISO., etc., as the case may be)** should be annexed to or quoted in the tender and that the articles supplied will be subject to inspection and/or tests prescribed in the specifications before acceptance.
- b) Late tenders (i.e., tenders received after the specified time of opening) delayed tenders (i.e., tenders received before the time of opening but after the due date and time of receipt of tenders) and post tenders offers will not be considered at all.

(SIGNATURE OF THE TENDERER)

TERMS AND CONDITIONS OF TENDER – PART II

1. CLIENT : Director, Central Research Institute for Dryland Agriculture,
Santoshnagar, Hyderabad – 59.
2. The execution of work as per the details given in the tender schedule has to be completed within a period as specified in supply/work order. Please quote earliest possible guaranteed date by which you can complete the work.
3. Conditions of contract: As contained in special/general conditions of contract and schedule and annexures to the tender attached herewith.
4. Tenderers are bound to accept order for additional quantity at the rate quoted only if order is placed on them within 90 days from the date of issue of A/T.
5. In case the tenderer wants to furnish in a separate covering letter any additional information, particulars or quote conditions (e.g. those relating to allowance, discount, rebate, etc.) which cannot be accommodated in the tender form, an indication to that effect should be given in the tender form by means of a note. In the absence of such indication in the tender form the contents of the covering letter will be ignored in consideration of tender.
6. Firm should note that it is desired that their offer should remain open for acceptance for 90 days from the date of opening the tenders. In the absence of such an indication in the tender form, it will be assumed that their offers will remain open for acceptance for the period as specified.
7. The Director, CRIDA reserves right to accept/reject any tender.

TENDERERS MUST GIVE SPECIFIC ANSWERS AGAINST EACH OF THE FOLLOWING QUESTIONS. TENDERS CONTAINING EQUIVOCAL OR EVASIVE REPLIES WILL BE IGNORED.

- 1) Whether supply of stores in question confirm to particulars quoted in the schedule; if not, details of deviation must be stated here
- 2) I) Brand:
 - ii) Name and address of :
Manufacturer
 - iii) Guaranteed date by which the :
Supply can be completed

(SIGNATURE OF THE TENDERER)

- 3) Business name and constitution:
of tendering form
(is the firm registered under)
- i) The Indian Partnership Act, :
1932
- ii) The Indian Companies Act, :
1956
- iii) Any act, if not, who are owners:
(Please give full names)
- 4) Do you agree to the Arbitration Clause stipulated (Your acceptance or non- acceptance of this Clause will not influence the decision of the tender. It should, however be noted that as omission to answer the above question will be deemed as an acceptance of the Clause).

(FOR PARTNERSHIP FIRMS WHETHER REGISTERED OR NOT REGISTERED UNDER INDIAN PARTNERSHIP ACT, 1932)

Should the answer to this question by a partnership firm be in the affirmative, please state further:

- a) Whether by the partnership agreement, authority to refer disputes concerning the business of the partnership to arbitration has been conferred on the partner who has signed the tender.
- b) If the answer to (a) is in the negative whether there is any general power of attorney execute by all the partners tender to refer dispute concerning business of the partnership to arbitration:
- c) If the answer to either (a) or (b) is in the affirmative, have you already furnished a copy either the partnership agreement or the general power of attorney as the case may be, to this Institute. Please quote the references to the communication by which this was done.

NB.1) If a copy of neither the partnership agreement for general power of attorney has previously been furnished to this Institute please attach to the tender a copy of either documents on which reliance is placed for authority of partners of the partner signing the tender to refer disputes to arbitration. The copy should be admitted by Notary public to or its execution should be admitted by affidavit on a properly stamped paper by all the partners.

(SIGNATURE OF TENDERER)

2) Where authority to refer disputes to arbitration has not been given to the partners signing the tender, the tender must be signed by every partner of the firm.

5) **INDICATE FOLLOWING DETAILS :**

- I) What is your installed capacity
- ii) What is your working capacity
- iii) What is the existing load
- iv) What portion of your capacity
you prepared to reserve and allocate
to this Rate contract

6) Whether Earnest Money has been deposited:

(SIGNATURE OF TENDERER)

ANNEXURE (I) (SCHEDULE TO TENDER FORM)

(To be returned by Tenderers along with Tender duly signed)

1. CONDITIONS OF CONTRACT:

Printed or cyclostyled or such terms and conditions of the tendering firms not appearing in the body of the tender will not be considered as forming part of their tender. Tendering firms should quote on the basis of the conditions referred to in para 1 of the invitation of tender and instructions to tenderers. In case any terms and conditions of contract applicable to this invitation to tender are not acceptable to the tendering firms, they should specifically state deviation therefrom in the body of their tender.

2. DEVIATION FROM SPECIFICATION:

It is in the interest of the tenderers to study the specifications, specified in the tender schedule thoroughly before quoting so that if any deviations are made by the Tenderers the same are prominently brought out in the body of their tender.

3. PRICES:

- a) Prices must be in terms of new coinage system, viz., rupees and paisa.
- b) The unit prices should be for the work in question indicated in the schedule to tender enquiry and not any other supply.
- c) Prices quoted should be invariably for undertaking at CRIDA Complex, Santoshnagar, Hyderabad, at destination inclusive of all charges.
- d) Discount if any, should be indicated promptly.

4. TRANSIT INSURANCE:

The Client will not pay separately for transit insurance and the contract will be responsible till the entire supply is made.

5. PRICE PREFERENCE FOR EARLIER DELIVERY:

It should be noted that if a contract is placed on the tenderer as a result of this invitation to tender in preference to the lowest acceptable offer in consideration of offer of earlier supplies, the contractor will be liable to the Council the difference between the contract rate and that of the lowest.

(SIGNATURE OF TENDERER)

ACCEPTABLE TENDER, on the basis of duties and other incidentals in case of failure to completion of supply in terms of such contract within the date of completion specified in the tender and incorporated in the contract.

This is in addition to and without prejudice to other rights under the terms of the contract.

6. PAYMENT TERMS:

Payment shall be made within 3 or 4 weeks from the date of completion of work.

No advance payment or part running bill will be paid. The total bill will be paid only on completion of work.

7. ADDITIONAL PARTICULARS TO BE FURNISHED BY THE TENDERER:

Tenderers shall submit alongwith their tenders:

- i) An Income Tax clearance certificate (duly countersigned by the Income Tax Officer of the Circle concerned under the seal of his office)
- ii) Name and full address of their Banker:
- iii) Performance statement duly signed by them regarding work undertaken by them against contract for similar supplies for the past three years. In case the tenderer has not secured any contract during the past three years, he should give the performance against earlier contract placed on him, if any, samples of the supply work executed may please be enclosed to the tender.
- iv) The assignment, they possess for executing the supply work liable to be ignored.

8. JURISDICTION:

All questions, disputes or differences under, out or or in connection with the contract, if concluded shall be referred to the sole arbitrator appointed by the Indian Council of Agricultural Research . The decision of the sole Arbitrator shall be final and binding on both the parties.

9. I/we have understood the instructions of Tenders and conditions of contract including in the General conditions of contract governing contracts placed by the Indian Council of Agricultural Research and Institute under it and in the special conditions of contract and have thoroughly examined the specification or pattern and nature of work quoted in the schedule hereto and an/are fully aware of the completion of the work and my/our offer is in accordance with the requirement.

10. Demand Draft No.....dt.....for Rs.....

(Rupees.....) is enclosed being EMD.

(SIGNATURE OF TENDERER)

12/-

ANNEXURE –II (SCHEDULE TO TENDER FORM)

(Please quote rates on Annexure III (Schedule to Tender Form))

Full name & address of the
Tenderer in addition to
Post Box No. if any, should
be quoted in all communications
to this office

Tenderers Telegraphic
Address:

Telephone /Mobile No.
Code used :

From

To
The Director
Central Research Institute for
Dryland Agriculture
P.O.Saidabad
Santoshnagar
Hyderabad – 59.

Dear Sir,

I/We hereby offer for supply of stores as per the details furnished in the tender schedule (Annexure-III) hereto or such portion thereof as you may specify in the Acceptance of Tenderer at the price given in the said schedule and agree to hold this offer ninety days only. I/We shall be bound by a communication of Acceptance dispatched within the prescribed time and also execute agreement required in this regard.

(SIGNATURE OF TENDERER)

2. I/We have understood the instructions to Tenderers and conditions of contract included in the General conditions of contracts governing contracts placed by the CRIDA, Indian Council of Agricultural Research Institutes under it and in the special conditions of contract and have thoroughly examined the specification or pattern and nature of stores quoted in the schedule thereto and an/are fully aware of the completion of the supply and my/or offer is to in accordance with the requirement.
3. The following pages have been added to and from part.

SIGNATURE OF WITNESS:

(SIGNATURE OF TENDERER)

Name of Witness :

Name of Tenderer :

Mailing Address :

Mailing Address :

DATE:

(SIGNATURE OF TENDERER)

ANNEXURE**Estimate for installation and commissioning of submersible pump set and laying HDPE pipeline at R-6area HRF, CRIDA.**

S.no	Particulars	Qty.	Rate	Unit	Amount Rs.
1.0	Supplying installation, testing and commissioning of suitable submersible pump set of approved make (kirlosker, Texmo, CRI, KSB) of 7.5 H.P. 18 stage with necessary control panel of approved manufacture, earthing the panel etc. complete as required by site engineer	1no.		each	
2.0	Supplying & fixing of 2 ^{1/2} " dia B class G.I. pipe with G.I Fittings of standard make (Tata, Zindal) in the proposed bore well as required	70 meter		meter	
3.0	Supplying & fixing of 3x2.5 sq,mm flat copper submersible cable ISI marked of approved make along with delivery pipe in the bore well as required	100 m		meter	
4.0	Earthwork excavation by manual/mechanical means in foundation trenches or drains including dressing up of sides ramming of bottoms and getting out excavated soil and refilling of excavated soil after laying of G.I. pipe line as directed $1 \times 560 \times 0.50 \times 0.60 = 168.0 \text{ cu.m}$	168 cu.m		cu.m	
5.0	Excavation of black topped W.B.M road by manual/mechanical means in foundation trenches or drains including dressing up of sides and getting out excavated material and refilling of excavated soil after laying of G.I. pipeline, consolidating and laying C.C.Road for top layer of excavated portion. Complete as directed by site incharged $1 \times 10.0 \times 0.50 \times 0.60 = 3.00$	3.00 cu.m		cu.m	
6.0	Providing & laying HDPE pipe 2 ^{1/2} size 80 PE 4.0 kg / cm ² of ISO certified of approved make (Godavari / Nagarjun/ Jain/Finolex/Nandi) including necessary fittings (Leak proof, ISI make) complete as per requirement of site engineer	560.0m		meter	
7.0	providing and fixing of non-return valve 2 ^{1/2} size of approved make & quality	1 no.		each	
8.0	Providing & fixing of pressure guaze of standard make	1 no.		each	

9.0	Providing & fixing of brass Ball valves of approved make with necessary fittings including G.I. Unions etc.				
9.1	2 ^{1/2} size	2 nos.		each	
10.0	Covering the HDPE pipe line with good quality sand & bricks above it	560m		meter	
11.0	Providing Air valve to the HDPE pipe line with supporting brick work at bottom	3 nos.		each	
12.0	Providing & fixing of M.S. box for control panel with locking system including necessary brick masonry stand for fixing control panel box & painting of box complete as per requirement site engineer	1no		each	
13.0	Construction of masonry chamber with brick work in cement mortar 1:4 with chained lid & R.C.C top slab for gate valve of size 60x60x75cm	2 nos.		each	
	TOTAL Rs				
	Taxes if any				
	Discount if any				
	NET AMOUNT TO QUOTE Rs				
	Rupees in words:				

NOTE : Nothing to be written below except in above body. Separate sheet may be attached for any other information.

Signature of the Tenderer
Tel/Mobile No.

CHECK LIST ENCLOSURES WITH APPLICATION

Name of the work : Installation and commissioning of submersible pump set and laying HDPE pipeline at R-6area HRF, CRIDA.

1. Original Tender form duly filled and signed.
2. Original Tender schedule attached with tender form
3. Enclose DD for Rs.200-00 if the application downloaded from website towards cost of application.
4. Enclose DD for Rs. 6,000-00 towards EMD. (Both the DDs should be drawn in favour of **“ICAR Unit Account CRIDA, Hyderabad”**).
5. Enclose the copy of registration certificate issued by the concerned organization.
6. Enclose the copy of applicant's valid licence.
7. Enclose the copy of partnership deed if any.
8. Enclose copies of already registered with CPWD/PWD/MES/A.P. Govt./ or any other reputed organizations.
9. Enclose the copy of PAN card.
10. Enclose the copy of IT clearance certificate.
11. Enclose the copies of experience/works done in reputed organizations.
12. Any other copies of relevant documents in support of application.

Annexure

Estimates for Construction of Sample processing unit at CRIDA Complex Size (12.20 × 5.00m)

S.no.	Particulars	Qty.	Rate	Unit	Amount
1.0	Earth work excavation by mechanical/manual means is foundation trenches or trains including dressing of sides & ramming of bottoms, including getting out excavated soil & disposal of surplus excavated soil as directed with is a lead of 100 mm 2 x 12.20 x 0.60 x 1.00 = 14.64 3 x 5.00 x 0.60 x 1.00 = 9.00 1 x 30.00 x 0.30 x 0.50 = <u>4.50</u> 28.14 m ³	28.14 m ³		m ³	
2.0	Providing & laying in position Cement Concrete of specified grade excluding the cost of centering & shuttering with 1:5:10 (1 cement, 5 coarse sand, 10 graded stone aggregate of 40 mm nominal size)				
2.1	2 x 12.20 x 0.60 x 0.10 = 1.46 3 x 5.00 x 0.60 x 0.10 = 0.90 1 x 11.60 x 4.50 x 0.20 = <u>10.44</u> 12.80 m ³	12.80 m ³		m ³	
3.0	Random rubble masonry with hard stone in foundation & plinth including leveling up with Cement Concrete 1:4:8 (1 cement, 4 Courses and, 8 graded stone aggregate of 20 mm nominal size) at plinth level, with 1:6 Cement mortar 2 x 12.20 x 0.40 x 1.20 = 11.71 3 x 4.50 x 0.40 x 1.20 = <u>6.48</u> 18.19 m ³	18.19 m ³		m ³	
3.1					
4.0	Bricks work with F.P.S bricks of class designation 75 m foundation & plinth in Cement mortar 1:6 2 x 12.20 x 0.23 x 3.00 = 16.84m 2 x 4.50 x 0.23 x 3.40 = <u>7.04 m</u> 23.88 m ³ Deduction 2 x 0.00 x 0.23 x 1.20 = 1.10m 8 x 1.80 x 1.20 x 0.23 = <u>3.97m</u> <u>5.07 m³</u> Net Qty. 23.88 – 5.07	18.81 m ³		m ³	
4.1					
5.0	Half bricks masonry with F.P.S bricks of class designation 75 in foundation and Plinth in Cement mortar 1:4				
5.1	1 x 5.0 x 3.0 = 15.0 m ² 16 x 0.75 x 0.75 = <u>9.00 m²</u> 24.00 m ²	24.00 m ²		m ²	
6.0	18 mm Cement plaster in two coats under layer 12 mm thick cement plaster 1:5 (1 cement, 5 coarse sand) finished with top layer 6 mm thick cement plaster 1:3 2 x 2 x 12.20 x 3.00 = 146.40 3 x 2 x 4.50 x 3.40 = 91.80 16 x 0.85 x 0.75 = <u>10.20</u> 248.40 m ² Deductions: 2 x 2.0 x 1.20 = 4.08 8 x 1.80 x 1.20 = <u>17.28</u> <u>22.08 m²</u> Net Qty – 248.40 – 22.08	226.32 m ²		m ²	

7.0	Providing & laying Ceramic glazed floor tiles 400x400 mm of first quality (Johnson / kajaria make) confirming to IS : 1562 of approved make in required colour & shade to be laid on 25 mm cement mortar 1:6 (1cement, 6sand) including pointing the joints with white cement & matching pigments, complete $1 \times 12.5 \times 5.00 = 62.50 \text{ m}^2$	62.50m ²		m ²	
8.0	Providing & fixing wood work in frames for doors & widows using first quality sal wood and applying approved wooden primer compete as per instructions of site engineers, Sal Wood				
8.1	Door-2x2.05x1.30m Windows 8x1.80x1.20m	1.20cu.m		Cu.m	
9.0	Providing & fixing ISI marked flush door shutters (double door) with decorative lamination on one side & balancing lamination on other side confirming to IS:2202 with frame of 1 st class hard wood & well matched lamination , complete. 35 mm thick including ISI marked stainless steel butt hinges with necessary screws $2 \times 2.05 \times 1.40 = 5.74 \text{ sq.m}$				
9.1		5.74 sq.m		Sq.m	
10.0	Supplying & installation of pre coated galvanized iron profile sheets size shape & pitch of corrugation as approved by engineer-in-charge) 0.5 mm +/- 5% total corrugated thickness (TCT) Thick zinc coating 120 gsm as per IS:277 is 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet & polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches while transportation and should be supplied in single length up to 12 meter or as desired by engineer in change. The sheet shall be fixed using self drilling / self tapping screws of size (5.5 x 5.5 mm) with EPDM seal complete including cutting to size wherever required $1 \times 12.20 \times 6.00 = 73.20 \text{ sq.m}$	73.20 sq.m		Sq.m	
11.0	Providing & fixing precoated galvanized steel sheet roofing accessories 0.50+/-5% TCT Thick Zink coating 120 gsm as per IS :277 in 240 mpa, 5-7 microns epoxy primer on both side of the sheet & polyester top coat 15-18 microns using self drilling / self tapping screws, complete Ridges plain	12.20 m		M	
12.0	Providing & fixing glazing in windows shutters including beading / applying putty as per requirement of site engineer				
12.1	With flat glass panes of 4.0 mm thick 8x1.80 x1.20 = 17.28 sq.m	17.28 sq.m		Sq.m	

13.0	Cutting of black W.B.M. road by manual or mechanical means and disposal of unserviceable material out of campus, including all operational & indicated labour & transport charges, complete. $1 \times 6.0 \times 0.30 \times 0.50 = 0.90 \text{ cu.m}$	0.90 cu.m		Cu.m	
14.0	Steel work in built up tubular trusses including cutting, hosting fixing in position and applying a primary coat of approve steel primer welded and bolted including & primer shaped washers etc. complete Hot finished welded type tubes-50 mm nominal bore 3.60 wall thickness, 60.8 mm O.D 166.50 m length, 40 mm nominal bore 3.20 mm wall thickness 48.8 mm O.D 60.60 m length.	1070.0 kg		Kg	
14.1					
15.0	Providing & laying black cuddaph stone on R.C.C plat form of single width (0.75m)& minimum 6 ft length of required shade with 1:6 cement mortar $2 \times 5.50 \times 0.75 = 8.25 \text{sq.m}$	8.25 sq.m		Sq.m	
16.0	Providing & fixing of M.S/ plates & Bolts & nuts for trusses, welding, cutting, drilling of holes welding, fixing in position and applying a primary coat of approved steel primer, complete	200.0 kg		Kg	
17.0	Reinforcement for R.C.C work, including straightening cutting, bending placing in position & binding all complete cold twisted bars (including centering)	250.00 kg		Kg	
18.0	Providing, hoisting & fixing up to floor V level precast Reinforced cement concrete work in lintels, chajjas & shelves including the cost of centering, shutting finishing smooth with 6 mm thick cement mortar in 1:3 (1 cement, 3 fine sand) on exposed surfaces complete including cost of reinforcement with 1:2:4 (1 cement, 2 core sand graded stone aggregate of 20 mm nominal size) $2 \times 2 \times 5.50 \times 0.75 \times 0.075 = 1.24$ $10 \times 1.50 \times 0.15 \times 0.10 = 0.22$ $10 \times 1.50 \times 1.00 \times 0.10 = 1.50$ $2 \times 5.00 \times 1.00 \times 0.10 = \underline{1.00}$ 3.96 sq.m	3.96 sq.m		Sq.m	
19.0	Providing and fixing white vitreous china laboratory sink with C.I. brackets, C.P. brasstrap with necessary C.P. brass unions complete including painting of fitting and brackets, cutting and making good the wall wherever required. 600x450x200m m	2 nos.		Each	
20.0	Providing and fixing square-mouth S.W.gully trap grade 'A' complete with C.I. grating bricks masonry chamber with water tight C.I. cover with frame of 300x300 mm size (inside) the weight of cover to be not less than 4.50 kg and frame to be not less than 2.70 kg as per standard design: 100x100 mm size p type with F.P.S. bricks of class designation 75	4 nos.		Each	

20.1	Providing & fixing following anodized Aluminum hard ware of approved quality and make, as per requirement of site engineer				
20.2	AL Latches(heavy) 300mm	2 nos.		Each	
20.3	AL Sliding door bolt (heavy) 300x16 mm	2 nos.		Each	
20.4	A1. Tower bolt 300x10mm	4 nos.		Each	
20.5	A1. Door handles 125 m with plate 175x32 mm	4 nos.		Each	
20.6	A1 handles (coated) 100mm with plate 150x32 mm	32 nos.		Each	
20.7	A1 Towers bolts (coated) 150 x 10mm	64 nos.		Each	
20.8	M.S, (coated) 100x75x4mm	16 nos.		Each	
	75x63x4 mm	64 nos.		Each	
20.9	Structures steel work bolted or welded in built up sections in frame work (Window Grills) including cutting, hoisting, fixing in position and applying primary coat of approved steel primer, complete 8x1.80x1.20 = 17.28 sq.m	680.0kg		Kg	
21.0	Providing & fixing stainless steel wire mesh for windows of approved make including teak beading of approved quality, complete. 16x0.75x0.60 = 7.20 sq.m	7.20 sq.m		Sq.m	
22.0	Distemping with oil bound washable distemper of approved manufacture and of required shade & colour complete				
22.1	New work two or more coats over Primary coat. Qty same as S.no. 6.0	226.32 sq.m		Sq.m	
23.0	Painting the door frame, windows and trusses with synthetic enamel paint of approved brand and make of required colour to given even shade.			LS	
23.1	New work. Two or more coats over primary coat.	One job			
24.0	Providing laying & joining the glazed stone ware pipes grade 'A' with stiff mixture of cement mortar in the proportion of 1:1(1 cement, 1 fine sand) including testing of joints etc., complete 150mm diameter			Mt	
24.1		35 m			
25.0	Constricting the brick masonry manhole in cement mortar 1:4 (1 Cement, 4 Coarse sand) R.C.C top slab with 1:2:4 mix (1 Cement, 2 Coarse sand, 4 graded stone aggregate of 20mm nominal size) foundation concrete 1:4:8 mix including plastering 12mm thick with cement mortar 1:3, finished with floating coat of neat cement & making channels in cement concrete 1:2:4, finished with floating coat neat cement complete as per standard design. With F.P.S bricks of class designation75	1 No.		Each	

26.0	Providing & fixing G. I. pipes complete with G.I. fittings & clamps including cutting & making good the walls etc.				
26.1	15mm dia nominal bore	6.0 meter			
26.2	25mm dia nominal bore	25.0 meter		Mt Mt	
27.1	C.P brass three way swan neck top (heavy)	2 nos.		Each	
27.2	C.P brass stop cock (heavy)	2 nos.		Each	
27.3	P.V.C connection	2 nos.		Each	
27.4	C.P. brass ball valve 15mm 25mm	2 nos. 2 nos.		Each Each	
		TOTAL Rs.			
	Taxes if any				
	Discount if any				
	NET AMOUNT TO QUOTE Rs.				
	Rupees in words:				

NOTE : Nothing to be written below except in above body.
Separate sheet may be attached for any other information.

Signature of the Tenderer
Tel./ Mobile No.

CHECK LIST ENCLOSURES WITH APPLICATION

Name of the work : **Construction of Sample processing unit at CRIDA Complex**
Size (12.20 × 5.00m)

1. Original Tender form duly filled and signed.
2. Original Tender schedule attached with tender form
3. Enclose DD for Rs.200-00 if the application downloaded from website towards cost of application.
4. Enclose DD for Rs. 10,000-00 towards EMD. (Both the DDs should be drawn in favour of **"ICAR Unit Account CRIDA, Hyderabad"**).
5. Enclose the copy of registration certificate issued by the concerned organization.
6. Enclose the copy of applicant's valid licence.
7. Enclose the copy of partnership deed if any.
8. Enclose copies of already registered with CPWD/PWD/MES/A.P. Govt./ or any other reputed organizations.
9. Enclose the copy of PAN card.
10. Enclose the copy of IT clearance certificate.
11. Enclose the copies of experience/works done in reputed organizations.
12. Any other copies of relevant documents in support of application.

Estimates for renovation of Room No. 076/A at CRIDA Complex

Sl. no	Particulars	Qty	Rate (Rs.)	Unit	Amount (Rs.)
1	Providing of fixing steel glazed windows (frame & shutters) in walls, Joints mitred and welded with 15X3 mm/lugs 10cm long embedded in cement concrete blocks 15x10x10 cm of 1:3:6 (1 cement, 3 coarse sand, 6 graded stone aggregate of 20 mm nominal size) including fixing of necessary butt hinges and screws & applying a priming coat of approved steel premier (cost of glass panes to be paid extra) 2 Nos. Size 1.20 x 1.20 m	200		kg	
2	Proving & fixing glazing in steel window shutters including beading/ applying putty as per requirement of site engineer with float glass panes of 4.0 mm thickness	2.00		Sq. m	
3	Dismantling of existing brick wall with plastering, stacking of serviceable material & disposal of unserviceable material within a lead of 200 m. $2.00 \times 1.20 \times 0.90 = 2.16 \text{ sq.m}$	2.16		Sq. m	
4	Providing & laying ceramic glazed floor files 400x400 mm of 1 st quality confirming to IS:15622 of approved make in required shade to be fixed on mosaic flooring using first quality tile adhesive including pointing the joints with white cement & matching pigments complete $1.0 \times 6.0 \times 4.0 = 24.0 \text{ sq.m}$	24.00		Sq. m	
5	Providing & fixing of S.S. mesh with wooden frames and necessary beading for the openings of exhaust fans Size: 0.60 x 0.60 m	2 Nos		each	
6	Removing dry oil bound distemper by scrapping and sand papering and preparing smooth surface including necessary repairs to scratches etc. complete $2 \times 5.70 \times 3.00 = 34.20 \text{ sq.m}$ $2 \times 4 \times 3.70 \times 3.00 = 88.80 \text{ sq.m}$ Total = <u>123.00</u> sq.m	123.00		Sq. m	
7	Distemping the wall with oil bound washable distemper of approved brand and manufacture to give an even shade. One or more coats. $2 \times 5.70 \times 3.00 = 34.20 \text{ sq.m}$ $2 \times 4 \times 3.70 \times 3.00 = 88.80 \text{ sq.m}$ $1 \times 5.70 \times 3.70 = 21.09 \text{ sq.m}$ $1 \times 3.70 \times 3.70 = 13.69 \text{ sq.m}$ Total = <u>157.78</u> sq.m	157.78		sq.m	

8	Removing of tile edges of the RCC platform to make it level and providing and fixing of glazed ceramic tile for removed platform	One job	LS		
9	Providing and fixing MS angle iron and MS square tube frame work for working tables including cutting, hoisting, fixing in position and applying approved steel primer, complete as per requirement of site engineer				
9.1	MS square tube (32x32x2.5 mm)	85		kg	
9.2	MS equal angle (35x35x4 mm)	55		kg	
10	Providing and fixing wood work for working tables and for mounted racks using 18 mm water & termite proof plywood and 1.0 mm decolam on both sides of plywood of approved make and shade with necessary brass hardware and locking system (6 lever brass lock) complete as per requirement of site engineer	28		Sq.m	
11	Providing and fixing 18 mm thick mirror polished machine cut granite of high quality of approved colour and shade to be fixed on MS angle iron frame with edge moulding and polishing complete as per requirement of site engineer 1x4.00x0.75 = 3.00 sq.m	3.00		Sq.m	
12	Painting the MS angle iron frame with synthetic enamel paint of approved colour to give an even shade	One job	LS		
Total Rs.					
Taxes if any					
Discount if any					
NET AMOUNT TO QUOTE Rs.					
Rupees in words :					

NOTE: Nothing to be written below except in above body.
Separate sheet may be attached for any other information.

Signature of the Tenderer
Te./Mobile No.

CHECK LIST ENCLOSURES WITH APPLICATION

Name of the work : Renovation of Room No. 76/A at **CRIDA Complex**.

1. Original Tender form duly filled and signed.
2. Original Tender schedule attached with tender form
3. Enclose DD for Rs.200-00 if the application downloaded from website towards cost of application.
4. Enclose DD for Rs. 3,000-00 towards EMD. (Both the DDs should be drawn in favour of **“ICAR Unit Account CRIDA, Hyderabad”**).
5. Enclose the copy of registration certificate issued by the concerned organization.
6. Enclose the copy of applicant's valid licence.
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11. Enclose the copies of experience/works done in reputed organizations.
12. Any other copies of relevant documents in support of application.