

**TENDER SCHEDULE FOR CONSTRUCTION OF BOTTLE WASHING ROOM
FOR MODERN TISSUE CULTURE LABORATORY BUILDING AT RPRC,
BHUBANESWAR
(Tender call Notice –No-22 of 2016-17)**



**REGIONAL PLANT RESOURCE CENTRE
Forest and Environment Department, Government of Odissa
Bhubaneswar 751 015**

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**OFFICE OF THE CHIEF EXECUTIVE
REGIONAL PLANT RESOURCE CENTER BHUBANESWAR**

Email-www.rprcbbsr.com
TENDER CALL NOTICE

No- 227/RPRC

Date- 28.01.2017

TENDER CALL NOTICE NO- (22) of 2016-17

- The Chief Executive, Regional Plant Resource Center, Bhubaneswar, Odisha invites **Percentage Rate** bids for the works as detailed in table below, from eligible contractor registered with the state Government and Contractor of equivalent Grade / Class registered with Central Government / MES / Railway or other licensing Authority for execution of civil works on production of definite proof from the appropriate authority.
- The bidders may submit bids for the following works.

SI No.	Name of work	Value of work (in Rs.) (Approx)	EMD	Cost of tender paper	Last date of sale of tender paper	Last date of receipt of tender paper	Date of opening of tender paper	Class of contractor	Time of completion
1	2	3	4	5	6	7	8	9	10
1.	Cconstruction of Bottle washing station for Modern Tissue culture Laboratory at RPRC, Bhubaneswar for the Year 2016-17	4,66,263.00	4700/-	Rs2000/- (+) 5 % VAT	14.02.17 up to 3 pm	14.02.17 (up to 5 PM)	15.02.17 (at 4.00 P.M)	C&D	3(Three) Calendar Months

- Bid documents consisting of specifications, the schedule of quantities and the set of terms and conditions of contract and other necessary documents can be seen in the office of the under signed during office hours on working days except Sunday and public holidays till last date & hour of sale and receipt of tender papers.
- Bid must be accompanied with bid security (EMD) of the amount specified against the work in the table under Col.4 above from any scheduled Bank payable at Bhubaneswar and duly pledged in favor of the Chief Executive, RPRC, Bhubaneswar. Bid security will have to be in any one of the forms as specified in the bidding documents. Non submission of Bid security in specified form along with bid, shall be rejected.
- The **sale of tender documents** shall start from dated – **30.1.17** and will close on **dt. 14.02.17 up to 3 P.M** and receipt of the Bid documents up to **14.02.17 at 5.00 P.M.**in the RPRC office where the bids have been notified for sale.
- Bids documents may be purchased from the office mentioned against the work in the table under Col-5 as well as the office of the undersigned against a **non-refundable cost** of the documents as indicated column-5 in shape of demand draft issued from any Scheduled bank payable at Bhubaneswar and in favor of Chief Executive, RPRC, Bhubaneswar

- 7 Bid documents requested by mail will be dispatched by registered post / speed post on payment of an extra amount of **Rs. 500/-** (Rupees Five hundred) over and above the cost of the Bid documents. The authority will not be held responsible for the postal delay if any in the delivery of the documents or non-receipt of the same in time.
- 8 Engineer Contractor desirous of availing E.M.D. exemption shall submit an affidavit to the effect that he/she has not availed this facility for more than two works during the current financial year. The name of the work and authority to whom he has submitted the tender **shall be specified in the affidavit**. If the same is not enclosed with the tender it shall be treated as normal and no claim for E.M.D. exemption shall be entertained.
- 9 **The Bids will be opened on dt. 15.02.17 at 4P.M in the office chamber of Chairman Tender committee** in the presence of the bidders or their authorized representative who wish to attend. If the office happens to be closed on the last date of receipt or opening of the bids as specified, then the Bids will be received and opened on the next working day at the same time and venue unless otherwise notified.
- 10 Additional performance security shall be obtained from the bidder when the bid amount is less than the estimated cost put to tender. In such an event, the bidders who have quoted less bid price/rates than the estimated cost put to tender shall have to furnish the exact amount of differential cost i.e. estimated cost put to tender minus the quoted amount as Additional Performance security in shape of Demand Draft/ Term Deposit Receipt pledged in favour of the Chief Executive in sealed envelope along with the price bid at the time of submission of bids.
The bids of the technically qualified bidders will be opened for evaluation of the price bid. In case of the bidders quoting less bid price/rate than the estimated cost put to tender and have not furnished the exact amount of differential cost (i.e. estimated cost put to tender minus the quoted amount) as Additional Performance security in shape of Demand Draft/Term deposit Receipt, their price bid will not be taken into consideration for evaluation even if they have qualified in the technical bid evaluation. (Works department Office Memorandum No 5288 dated 4.05.2016)
- 11 **The tender should be mandatorily accompanied with the Xerox Copies of the valid registration Certificate, Bid Security (EMD), Valid VAT clearance certificate, PAN card and other requisite documents specified in eligibility criteria as per the DTCN. Otherwise bid shall be treated as non responsive.**
- 12 The tenderer are requested to go through the conditions of tender and on fulfillment of the conditions, they may apply for tender paper. **Non eligible contractors may participate in the tender at their own risk.**
- 13 The other details can be seen from the bidding documents.
- 14 The Authority reserves the right to increase / reduce the scope / cancel the work without assigning any reason thereof.

-Sd-

(Chief Executive)

Memo No **229**. /RPRC, Bhubaneswar, **Dt28.01.2017**.

Copy to Office Notice board/ Web site of RPRC for information of all concerned

Sd/-

(Chief Executive)

**OFFICE OF THE CHIEF EXECUTIVE,
BHUBANESWAR
DETAILED TENDER CALL NOTICE**

1. Sealed percentage rate bids are invited in single cover system from eligible **'D' Class / 'C' Class** contractors registered with the State Government and contractors of equivalent Grade / Class registered with Central Government / MES / Railways or other Licensing Authorities for execution of civil works on production of definite proof from the appropriate authority in prescribed form to be eventually drawn up in **P.W.D. FORM P1** for the work / works as mentioned in the **S T.C.N. No.(22) of 2016-17** with corresponding estimated cost as per T.C.N.. The Contractor shall verify the tender document of the work he is tendering for, before submission. He should tick (✓) against the work he is tendering for.
 - a. This tender is on turnkey basis and tenderers with sound financial background and capable of investing capital for advance procurement of all materials required for the work only need apply. **Department shall not supply any material for the work at all.**
 - b. As the work in question is being taken up from state plan funding, there will not be any spill over to next financial year and work has to be completed as per stipulation. Normally time extension shall not be granted.
 - c. This Detailed Tender Call Notice along with the clauses mentioned herein shall form a part of the contract and agreement.

PURCHASE OF BID DOCUMENTS

2. Non-transferable Bid documents will be available for sale in the office of the **(i) Chief Executive, RPRC, Bhubaneswar, as per TCN during** office hours on all working days only from **dt 30.1.17** and up to **3.00 PM** on **dt.14.02.17**
3. i) Bids documents may be purchased from of the undersigned against a **non-refundable cost** of the documents as indicated column-5 in shape of demand draft issued from any Scheduled bank payable at Bhubaneswar and in favor of Chief Executive, RPRC, Bhubaneswar. The DD should be **in split form of Rs.2000/- + Rs100/-** towards the cost of Bid document and 5% VAT from scheduled bank for an amount of **Rs.2100.00**.
 - (ii) Bid documents requested by mail will be dispatched by Regd. Post / Speed Post on payment of an extra amount of Rs.500.00 (Rupees Five hundred) only over and above the cost of Bid documents as in Clause- 3 (i). It must be clearly noted that department will not be held responsible in any manner for any postal delay in delivery of the Bid document or even for non-receipt of the same by the applicant.
4. **The tender is to be submitted in sealed cover is to contain EMD, DTCN & B.O.Q. duly filled & signed in by the tenderer, attested copy of Registration Certificate, PAN card, valid VAT clearance certificate,** certificates in DTCN duly filled-in and any other documents required as per the relevant clauses of this DTCN and special conditions if any.

The tenderers are not required to write their names on the cover containing the bid documents. They are required to write only the name of the work and authority who had issued the tenders.

DROPPING OF BID DOCUMENTS

5. Throughout these documents, the term 'Bid' and 'Tender' and their derivatives (bidder / tender, bid / tender, bidding / tendering, etc.) are synonymous.
6. Before the deadline for submission of bids, the tender inviting authority may modify the bidding documents by issuing addenda.
7. Any addendum thus issued shall be part of the bidding documents and shall be communicated in writing by registered post or by phone to all purchasers of the bidding documents. Prospective bidders shall acknowledge receipt of each addendum by phone of the tender inviting authority.
8. To give prospective bidders reasonable time in which to take an addendum into account in preparing their bids, the tender inviting authority shall extend, as necessary, the deadline for submission of bids.
9. i) The Bid comprising of documents in sealed Cover must be delivered / dropped by the tenderer in the right tender box and kept in the office during office hours on working days only from **dt. 30.01.17** and up to **5 P.M** on **dt.14.02.17**
 - (ii) If one tenderer submits more than one bid for a particular work in the TCN, then all his / her bids for that work will be rejected.

- (iii) If the Bid documents sent through mail (Regd. Post / Speed Post) reaches in the mentioned offices **after 5 P.M on dt.14.02.17**, then the same will not be considered on any account even if the Bid documents were dispatched by the tenderer before the last date of Receipt.
- (iv) The tender should reach this office on or before the due date by **registered/speed post** and can also be put to **“Tender Box”** available in the office of the **C.E RPRC**. Telegraphic tenders or tender received through fax/ e-mail / courier will not be entertained. Incomplete documents and documents received after due date shall not be entertained.

OPENING OF BID DOCUMENTS

- 10. The tender will be opened by the **Chairman Tender Committee**, RPRC, Bhubaneswar in the office of the **Chief Executive**, RPRC, Bhubaneswar at **4 P.M on dt. 15.02.17** in the presence of the tenderers or their duly authorized representatives who wish to attend.

MODALITY FOR FURNISHING EARNEST MONEY DEPOSIT (E.M.D.)

- 11. The bid must be accompanied by E.M.D amount, which will be considered in line with the latest prevailing norm of the Govt. order @ 1% (one percent) of the estimated cost put to tender, as laid down in Column-4 of TCN/IFB in the shape of Deposit Receipt of any scheduled Bank / Kissan Vikash Patra / Post Office Savings Bank Account / National Savings Certificate / Postal Office Time Deposit Account only duly pledged in favor of the **Chief Executive**, RPRC, Bhubaneswar and payable at Bhubaneswar as per the terms and conditions laid down in OGFR and in no other form. The E.M.D. so deposited by the participating contractor / firm / company should exhibit evidence to the effect that the EMD amount belongs to the firm/company. Request for transfer of EMD from any other work to the tendered work will not be entertained. However, the bidder claiming for exemption of EMD amount must submit application separately along with the tender for such purpose along with the documentary proof. **He should produce the Original Registration Certificate on the date & time of opening of tender otherwise his tender is liable for rejection.**

The term EMD, ISD and APS should not be confused with each other. These have their distinctness as regards to their meaning and necessity.

- a. **EMD (Earnest Money Deposit)** amount is equal to (i) 1% of the value put to tender and is to be furnished by the tenderer in the sealed Cover in the shape and manner as clearly depicted above.
- b. **ISD (Initial Security Deposit)** value is 2% of the accepted tender amount i.e. **“contract price”** and is to be deposited by the contractor before drawl / signing of the agreement in the shape and manner as detailed in the DTCN..
- c. **APS (Additional Performance Security)** which is distinct in its meaning is explained in terms of its amount and manner of deposit in favor of the Chief Executive, RPRC, Bhubaneswar at the time of submission of bids. detailed in Clause-32 of this DTCN failing which, the tender will be considered as non responsive and the same is liable for rejection.12. **The EMD of unsuccessful bidders will be refunded from the office of the Chief Executive, RPRC, Bhubaneswar only after drawl of the agreement for the tendered work.**

FACTORS TO BE CONSIDERED WHILE BIDDING

- 13. All the bidders must note that the earlier **F2 Agreement Form** has been renamed by the name **P1 Agreement Form** and this new version of the agreement form will be used and referred for all purposes in case of percentage rate tender. The contract will be drawn in **P.W.D. P - 1 Contract Form** & the contract shall be drawn & signed by **Chief Executive**, RPRC, Bhubaneswar on behalf of the Governor of Odisha.
- 14. The work is to be completed in all respects within **stipulated period** as mentioned in Column-10 of TCN from the date of issue of Work Order. Tenderer whose tender is accepted must submit a programme of work immediately after issue of work order for approval of **Chief Executive**, RPRC, Bhubaneswar.
- 15. The tender should be mandatory accompanied with the Xerox copies of the valid Registration Certificate, valid VAT clearance certificate, PAN card.
- 16. An applicant or any of its constituent partners whose contract for any work has been rescinded or who has abandoned any work in the last five years, prior to the date of inviting the present bid, shall be debarred from qualification. The tenderer is required to furnish an **legal affidavit** in original along with other documents in sealed Cover at the time of submission of tender papers about the **Authentication of Tender Documents** including **Bank Guarantee** to this effect is to be furnished separately as per format in **Schedule-C** of this DTCN. Non-furnishing required affidavit in **Schedule- C** of the DTCN, will render the bid for rejection.
- 17. The bidder shall furnish a certificate along with the tender documents in sealed Cover to the effect that he / she is not related to any officer in the rank of an officer in the Forest & Environment Department. If the declaration of the contractor awarded with the work subsequently proved to be false, the contract will be rescinded. The earnest money & the total security will be forfeited & he/she shall be liable to make good the loss or damages resulting for such cancellation. The proforma for No **Relationship Certificate** is exhibited vide **Schedule-A**.
- 18. i) When an individual makes the application for the tender, the individual should sign above his full type written name and current address.
- (ii) If the tender is put on behalf of any proprietary firm, it shall be signed by the proprietor above his full type written name and the full name of his firm with its current address.

- (iii) If the tender is put by a firm in partnership, it shall be signed by all the partners of the firm above their full type written names and current address or alternatively, by a partner holding power of attorney for the firm, a certified copy of the power of attorney shall accompany the application. A certified copy of the partnership deed and current address of all partners of the firm shall also accompany the application in sealed Cover.
 - (iv) If the application is made by a Private Limited Company or a Corporation, it shall be signed by the duly authorized person holding power of attorney for signing the application, in which case a certified copy of the power of attorney shall accompany the application. Such Limited company or corporation will be required to furnish satisfactory evidence of its existence along with the sealed Cover.
19. No tenderer will be permitted to furnish their tender in his own manuscript papers. All information should be written in English and strictly in accordance with the provision as mentioned in the Tender Schedule. The tender containing extraneous conditions by any bidder not covered in the Tender Call Notice are liable for rejection. Any change in the wording by the tenderer will not be accepted. The name and signature of the applicant or his authorized representative should appear at the bottom of each page of the DTCN and BOQ etc. comprising the Bid documents and any other documents / papers contained in the sealed Cover.
 20. The signature of the tenderer on the documents as envisaged in the concluding line of Clause-19 above should in view of the authority-inviting tender, fairly tally with his specimen signature contained in the contractor's Registration Certificate Book. And, in case of authorized representative / Power of Attorney holder, his signature in the legal document duly conferring on him the authority to act so, should in view of the above authority, tally with his signatures on all the above aforesaid documents. The authority inviting the tender reserves the right to reject the tender if he genuinely feels the difference in the two signatures of the tenderer / power of attorney holder as described above.
 21. **To be eligible for qualification, applicants shall furnish the followings.**
 - a. Copy of valid registration certificate, VAT, PAN, etc and Required E.M.D. as per the **Clause No.-11**.
 - b. Affidavit in original regarding current litigation, debarring / expelling of the applicant or abandonment of work by the applicant including authentication of tender documents and Bank guarantee in **Schedule-C** format as per Clause-16.
 - c. should satisfy Clause No.15 of DTCN.
 22. Even if qualifying criteria are met, the bidders can be disqualified for the following reasons, if enquired and convinced by the Department as to
 - (a) Making a false statement or declaration.
 - (b) **Past record of abandoning the work half way / recession of contract.**
 - (c) **Past record of in-ordinate delay in completion of the work.**
 - (d) **Past history of litigation.**
 23. Letters etc. found in the tender box regarding raising or lowering the rate or dealing with any point in connection with the tender will not be considered.
 24. In case of any discrepancy in printing or omissions of statutory specifications / clauses or any other part of this approved document as in this DTCN during process of download of the Bid documents, then the decision of the authority inviting the Bid / Tender will be binding on the tenderer.
 25. (a) The authority reserves the right to reject any or all the tenders received without assigning any reason thereof.
(b) The authority reserves the right to increase / reduce the scope of work without assigning any reason thereof.

PERCENTAGE BID CR ITERIA

26. In this case of percentage rate tenders, only percentage at par / excess / less of the total value put to tender for the whole work shall be written by the tenderer legibly both in words and figures at the last page of the Bill of Quantity (i.e. Price Bid) showing the total value put to tender. If there will be difference in numeral figure and the word depicting the percentage rate, then the "word" will be considered as correct. Any over writing, correction or interpolation should be avoided while quoting this percentage rate. Where unavoidable, this should be properly initialed by the tenderer.
 - a. The tenderer must fill only one of the three alternatives / options mentioned at last page of the BOQ / Price Bid as to quoting of percentage rate.
 - b. If more than one will be filled in, then the Price Bid will be summarily rejected.
 - c. The contractor will write percentage excess or less up to one decimal point only. If he / she write the percentage excess or less up to two or more decimal point, the first decimal point shall only be considered without rounding off.
27. While preparing the bills for this percentage rate tender work, each item of work will be evaluated at the estimated rate and the gross amount will be derived from there by adding each individual item value. Then the percentage excess or less as quoted by the contractor will be added or subtracted from that gross amount of the bill.
28. Tenders received within due date and time as in Clause-9(i) will remain **valid for a period of 90 (Ninety) days** from the last date of receipt of tenders. The validity of the tenders can be extended if agreed to by the tenderer.
29. Every tenderer is expected to inspect the site of the proposed work before quoting his percentage rate for the work. He should also inspect the quarries, approach roads to quarries and satisfy himself about the quality and availability of materials. In every case, the materials must comply with the relevant specifications. Complaints by the tenderers at a future date regarding wrong assessment as to the availability of materials at quarries will not be entertained.
30. i) Bid documents consisting of specifications, the Schedule of Quantities and the set of terms and conditions of contract and other necessary documents can be seen in all the offices issuing the documents, during office hours

everyday except on Sundays and Public Holidays till last date of sale and receipt of tender papers. Interested bidders may obtain further information at the same address.

(ii) The tenderer shall carefully study the tentative drawings if any and specifications applicable to the contract and all other documents, which will form a part of the agreement before tendering for the work. Complaint at a future date that plans and specifications have not been seen by the tenderer can not be entertained.

(iii) These tentative drawings are subject to revision or modification during the execution as per actual necessity and test conducted. But, the tendered rate for the total work quoted by the tenderer will hold good in case of such modification of drawings during the time of execution and shall in no way invalidate the contract and no extra monetary compensation will be entertained. The work shall however, be executed as per final approved drawing to be issued by the Engineer-in-Charge as and when required.

31. Tenderers are required to go through each clause of P.W.D. Form P1 carefully in addition to the clauses mentioned herein before tendering.

32. Additional performance security shall be obtained from the bidder when the bid amount is less than the estimated cost put to tender. In such an event, the bidders who have quoted less bid price/rates than the estimated cost put to tender shall have to furnish the exact amount of differential cost i.e. estimated cost put to tender minus the quoted amount as Additional Performance security in shape of Demand Draft/ Term Deposit Receipt pledged in favour of the Chief Executive in sealed envelope along with the price bid at the time of submission of bids.

The bids of the technically qualified bidders will be opened for evaluation of the price bid. In case of the bidders quoting less bid price/rate than the estimated cost put to tender and have not furnished the exact amount of differential cost (i.e. estimated cost put to tender minus the quoted amount) as Additional Performance security in shape of Demand Draft/Term deposit Receipt, their price bid will not be taken into consideration for evaluation even if they have qualified in the technical bid evaluation. (Works department Office Memorandum No 5288 dated 4.05.2016) If the contractor fails to complete the work, the amount so furnished as **APS** will be forfeited in addition to other penal clauses if imposed.

33. Only the Schedule of Quantities showing the items of work, its quantity, its rate as per Estimate and the total value of the items i.e. work are contained in (Price Bid). It shall definitely be understood that the Government does not accept any responsibility for the correctness or completeness of this schedule and that this schedule is liable for alteration or omissions, set forth in the conditions of the contract and such omissions, deductions, additions or alterations shall no way invalidate the contract.

34. The earnest money deposited by the tenderer will be retained and dealt with as per the terms and conditions of the O.P.W.D. code.

35. The bidder / tenderer whose bid has been accepted will be intimated by Regd. Letter by the Engineer-in-charge prior to expiry of the validity period. This letter (hereinafter and in the conditions of Contract called the "Letter of Acceptance") will state the sum that the Engineer-in-charge will pay the contractor in consideration of the execution, completion and maintenance of the works by the contractor as prescribed in the contract (here-in-after and in the contract called the "Contract Price").

The notification of award will constitute the formation of the contract, subject only to the furnishing of a performance security (**Initial Security Deposit**) in shape of Fixed Deposit Receipt of any scheduled Bank / Kissan Vikash Patra / Post Office Savings Bank Account / National Savings Certificate / Postal Office Time Deposit Account duly pledged in favor of the **Chief Executive**, RPRC, Bhubaneswar and in no other form..The security deposit together with the earnest money and the amount withheld according to the provision of P1 agreement shall be retained as security for the due fulfillment of this contract and additional performance security in accordance with the provisions of the agreement.

(ii) The successful bidder will sign the agreement in conformity with Standard P.W.D. Form P1 with latest amendments within 15 (Fifteen) days following the notification of award i.e. "Letter of Acceptance" by the officer –in- charge.

(iii) Failure to enter in to the required agreement and to make the security deposit as above shall entail forfeiture of the **Bid Security** (earnest money). No contract (tender) shall be finally accepted until the required amount of initial security money is deposited. The security will be refunded after Twelve months of completion of the work and payment of the final bill and will not carry any interest. As concurred by Law Department & Finance Department In their U.O.R. No 848, dtd.21-05-1997 J.O.R.No.202 W.F.D. Dtd. 06.03.98 respectively the E.M.D. will be forfeited in case where tenderers back out from the offer before acceptance of tender by the competent authority.

36. By admission of a tender for the work, a contractor will be deemed to have satisfied himself by actual inspection of the site and locality of the work, about the quality and availability of the required quantity of material including the medical aid, labour and food stuff etc. and that rate quoted by him in the tender will be adequate to complete the work according to the specifications attached there to and that he had taken in to account all conditions and difficulties that may be encountered during its progress and to have quoted rate including labour and materials with taxes, octroi, other duties, lead, lifts, loading and unloading, freight for all materials and all other charges necessary for the completion of the work, to the entire satisfaction of the Engineer-in-Charge of the work and his authorized subordinates. After acceptance of the contract rate, Government will not pay any extra charges for any reason in case the contractor claims later on to have misjudged as regards to availability of materials, labour and other factors.

37. In case the 1st lowest tenderer or even the next lowest tenderers withdraw in series one by one, thereby facilitating a particular tenderer for award, then they shall be penalized with adequate disincentives with forfeiture of EMD unless adequate justification for such back-out is furnished. Appropriate action for **blacklisting such tenderers shall also be taken apart from disincentivising the tenderer.**

RESPONSIBILITIES & OBLIGATIONS OF THE CONTRACTOR

38. Under section 12 of contractors labour (Regulation and Abolition) Act. 1970, the contractor who undertakes execution of work through labour should produce valid license from licensing authorities of labour Department.
39. The contractor should be liable to fully indemnify the department for payment of compensation under Workman Compensation Act. VIII of 1923 on any account of the workman employed by the contractor and full amount of compensation paid will be recovered from the contractor.
40. Tenderers are required to abide by the fair wages clause as introduced by Govt. of Odisha, Works Department Letter No.-VIII-R 8/5225 Dtd.26.02.55 and No.IIM-56/628842(5) Dtd.27.09.61 as amended from time to time.
41. In case of any complaint by the labour working about the non payment or less payment of his wages as per latest minimum Wages Act, the Chief Executive will have the right to investigate and if the contractor is found to be in default, he may recover such amount due from the contractor and pay such amount to the labour directly under intimation to the local labour office of the Govt. The contractor shall not employ child labour. The decision of the Chief Executive is final and binding on the contractor in such cases.
42. The contractor shall bear cost of various incidentals, sundries and contingencies in full necessitated in the work within the following or similar category.
- a. Rent, royalties and other charges of materials, octroi duty, all other taxes including sales tax, ferry, tolls conveyance charge and other cost on account of land and building including temporary building and temporary electric connection to work site as well as construction of service road and diversion road and its maintenance till completion of work, collection of materials, storage, housing of staff or other purposes as required will be borne by the contractor for the work. No contractor will however be liable to pay rent / revenue of Govt. for temporary occupation of land owned by Govt. at the site of the work.
 - b. Labour camps or huts necessary to a suitable scale including conservancy and sanitary arrangements therein at the look out of the contractor to the satisfaction of the local health authorities.
 - c. Suitable water supply including pipe water supply wherever available for the staff and labour as well as for the work is to be arranged by the contractor at his cost.
 - d. Fees and duties levied by the Municipality, canal or water supply authorities are to be borne by the contractor.
 - e. The contractor at his cost will arrange suitable equipments and wearing apparatus for the labour engaged in risky operations.
 - f. Suitable fencing barriers, signals including paraffin and electric signal where necessary at works and approaches in order to protect the public and employees from accidents are the look out of contractor.
 - g. Compensation including the cost of any suit for injury to persons or property due to neglect of any major precaution also become payable due to operation of the workers compensation act will be borne by the contractor.
 - h. The contractor has to arrange adequate lighting arrangement for the work wherever necessary at his own cost.
43. The contractor shall have to abide by the C.P.W.D. safety code rules introduced by the Government of India, Ministry of work Housing and Supply in their standing order No-44150 dtd.25.11.57.
44. The contractor should arrange the materials like steel, cement, paint and bitumen etc. of approved quality and specification and get it tested in the departmental laboratory and approved by the authority before use at his own cost for completion of the work within the time schedule. No extension of time will be granted on the application of the contractor due to delay in procurement of materials.
45. (a) The Department will have the right to supply any departmental materials to be used in the work at any time in the interest of work and the contractor shall use such materials without any controversy or dispute on that account. The rate of issue of such materials will be at the stock issue rates inclusive of storage charges or rates fixed by the Department or current market rate whichever is higher.
- a. All the materials which are to be supplied from departmental. store will be as per availability of stock and the contractor will have to bear the charges of straightening, cutting, jointing, welding etc. to required sizes in case of M.S. Rods or Tor steel / M.S. Angles, Tees and Joists etc. Cut pieces of steel more than one meter in length will be returned by the contractor at the stores issuing it without conveyance charges.
TOR rods, plates and structural members will be supplied in the scale / unit of length and size available in the stock. For payment purpose, steel reinforcement shall be measured in length of different diameter, and the steel plates etc. in terms of size and specification as actually used in the work. And, their weight calculated as per sectional weight prescribed by the Indian Standard Specification or as directed by the Engineer-in-Charge (**Wastage of bars and unnecessary lapping will not be considered for measurement and payment**).
 - b. The selected contractor may take delivery of the available departmental materials according to his need for the work as issued by the Sub-Divisional officer in-charge. The contractor shall make all arrangement for proper storages of materials and their watch and ward at his own cost and responsibility. Under any such plea of theft or so, if the contractor stops the work, he shall have to pay the full penalty as per relevant clause of P1 agreement.
 - c. The contractor will be responsible for the loss or damage of any departmental materials if issued / supplied during transit and in the execution of the work due to reasons what – so-ever and the cost of such materials will be recovered from the bills at stock issue rates or market rates whichever is higher.
 - d. If the contractor removes Government materials supplied to him from the site of work with a view to dispose of the same dishonestly, he shall be liable for civil or criminal prosecution arising out of his contract. Besides, he will be liable to pay a penalty equivalent to five times of the price of such materials according to the stock issue rate or market rate whichever is higher. The penalty so imposed shall be recovered from any

sum that may become due to the contractor or from his security deposit or from the proceeds of sale thereof.

46. No payment will be made for benchmarks, level pillars, profiles and benching and leveling the ground where required.
47. After the work is completed, all surplus materials should be removed from the site of work. Preliminary work such as vats, mixing platforms etc. should be dismantled and all materials be removed from the site and the premises should be left neat and clean. These should be taken care of while quoting the percentage rate for the complete work.
48. Where the Department will feel it necessary, the Officer-in-Charge of the work shall issue a Site Order Book to the contractor to be kept at the site of the work with pages serially numbered. Orders regarding the work whenever necessary are to be entered in this book by the Officer-in-Charge with their dated signatures and duly noted by the contractor or his authorized agents with their dated signature. Orders entered in this book and noted by the contractor's agent shall be considered to have been duly preached to the contractor for following the instructions of the Department. The Site Order Book shall be the property of the P.W.D. and shall not be removed from the site of work without written permission of the Engineer-in-charge i.e. Chief Executive and to be submitted to the Engineer-in-charge every month.
49. Income Tax at the prevailing rate / percentage calculated on the gross amount will be deducted from the contractor's bill.
50. Prevailing rate of VAT on the gross amount of the bill will be deducted from the contractor's bill, where Agreement Value is one lakh and above.
51. 1% Labor CESS will be deducted from, Bill amount towards the Buildings and other Construction Workers Welfare CESS Acct 1996 as per Labour & Employment Dept Resolution No. **12653 dt.15.12.2008**
52. The contractor is required to pay royalty to Govt. as fixed from time of time and produce such documents in support of their payment to the concerned Chief Executive with their bills, failing which the amount towards royalties of different materials as utilized by the contractor in the work will be recovered from his bills and deposited in the revenue of concerned department.
53. Under no circumstances, interest is chargeable on the dues or additional dues if any payable to the contractor for the work.
54. Also no claim shall be entertained for loss due to earthquake, flood, cyclone, epidemic, riot or any other calamity whether natural or incidental. Damages if caused by fire or other causes to persons and structures etc., will have to be made good by the contractor at his own cost.
55. No part of the contract shall be sublet without written permission of the concerned Chief Executive or transfer be made by power of Attorney authorizing others to receive payment on the contractor's behalf.
56. The contractor should attach the certificate in token of payment deposit with the registration authority as per recent circular of the Government relating to his registration.
57. The quantity mentioned in the Schedule of Quantities can be increased or decreased to the extent of 10% for individual items subject to a financial implication of maximum 5% over the estimated cost. If it exceeds the limit stated above, prior approval of competent authority is mandatory before making any payment.

ARRANGEMENT OF T&P MATERIALS

58. The contractor should at his own cost arrange necessary tools & plants and machineries etc. required for the efficient execution of work and must take into account its cost of conveyance, running charges etc. while quoting his single percentage rate for the whole work.

Clause-2(a) of P1 Contract:-TIME CONTROL:-

2.1. Progress of work and Re-scheduling programme.

- 2.1.1. The Chief Executive shall issue the letter of acceptance to the successful contractor. The issue of the letter of acceptance shall be treated as closure of the Bid process and commencement of the contract.
- 2.1.2. Within 15 days of issue of the letter of acceptance, the contractor shall submit to the authority a work Programme for approval commensurate to **Clause no. 2.1.3** showing the general methods, arrangements, and timing for all the activities in the Works along with monthly cash flow forecast.
- 2.1.3. To ensure good progress during the execution of the work the contractors shall be bound in all cases in which the time allowed for any work exceeds one month to complete, 1/4th of the whole time allowed under the contract has elapsed, 1/2 of the whole of the work before 1/2 of the whole time allowed under the contract has elapsed, 3/4th of the whole of the work before 3/4th of the whole time allowed under the contract has elapsed.
- 2.1.4. If at any time it appears to the Engineer-in-Charge that the actual process of the work does not conform to the work programme, the Contractor shall produce, at the request of the Engineer-in-Charge, a revised programme showing the modifications to ensure completion of the works within the time for completion. If the contractor does not submit an updated Programme within this period, the Engineer-in-Charge may withhold the amount of 1% of the contract value from the next payment certificate and continue to withhold this amount until the next payment after the date on which the revised Programme has been submitted.
- 2.1.5. The Engineer-in-Charge's approval of the Programme shall not alter the Contractor's obligations. The Contractor may revise the Programme and submit it to the Engineer-in-Charge again at any time. A revised Programme is to show the effect of Variations and Compensation Events.

Extension of the Completion Date

- 2.1.6. The time allowed for execution of the work as specified in the Contract shall be the essence of the Contract. The execution of the works shall commence from the 15th day or such time period as mentioned in letter of Award after the date on which the authority issues written orders to commence the work or from the date of handing over of the site whichever is later. If the Contractor commits default in commencing the execution of the work as aforesaid, Government shall without prejudice to any other right or remedy available in law, be at liberty to forfeit the Earnest Money & Performance Guarantee / Security Deposit absolutely.
- 2.1.7. As soon as possible after the Agreement is executed, the Contractor shall submit the Time & Progress Chart for each milestone and get it approved by the Department. The Chart shall be prepared in direct relation to the time stated in the Contract documents for completion of items of the works. It shall indicate the forecast of the dates of commencement and completion of various trades of sections of the work and may be amended as necessary by agreement between the Chief Executive and the Contractor within the limitations of time imposed in the contract documents, and further to ensure good progress during the execution of the work, the contractor shall in all cases in which the time allowed for any work, exceeds one month (save for special jobs for which a separate programme has been agreed upon) complete the work as per milestone given in contract data.
- 2.1.8. In case of delay occurred due to any of the reasons mentioned below, the Contractor shall immediately give notice thereof in writing to the Engineer-in-Charge but shall nevertheless use constantly his best endeavors to prevent or make good the delay and shall do all that may be reasonably required to the satisfaction of the Engineer-in-Charge to proceed with the works.
- i) Force measures
 - ii) Abnormally bad weather
 - iii) Serious loss or damage by fire) Civil commotion, local commotion of workmen, strike or lockout affecting any of the trades employed on the work.
 - v) Delay on the part of other contractors or tradesmen engaged by Engineer-in-Charge in executing work not forming part of the Contract.
 - vi) In case a Variation is issued which makes it impossible for Completion to be achieved by the Intended Completion Date without the Contractor taking steps to accelerate the remaining work and which would cause the Contractor to incur additional cost.
- and**
- vii) Any other cause, which, in the absolute discretion of the authority mentioned, in Contract data is beyond the Contractors control.
- 2.1.9. Request for reschedule and extension of time, to be eligible for consideration, shall be made by the Contractor in writing within fourteen days of the happening of the event causing delay. The Contractor may also, if practicable, indicate in such a request the period for which extension is desired.
- 2.1.10. In any such case a fair and reasonable extension of time for completion of work may be given. Such extension shall be communicated to the Contractor by the Engineer-in-Charge in writing, within 3 months of the date of receipt of such request. Non-application by the contractor for extension of time shall not be a bar for giving a fair and reasonable extension by the Engineer-in-Charge and this shall be binding on the contractor.

2.2. Compensation for Delay.

- 2.2.1. If the contractor fails to maintain the required progress in terms of clause 2 or to complete the work and clear the site on or before the contract or extended date of completion, he shall, without prejudice to any other right or remedy available under the law to the Government on account of such breach, pay as agreed compensation the amount calculated at the rates stipulated below as the Chief Executive (whose decision in writing shall be final and binding) may decide on the amount of tendered value of the work for every completed day / month (as applicable) that the progress remains below that specified in Clause 2 or that the work remains incomplete.

This will also apply to items or group of items for which a separate period of completion has been specified. Compensation @ 1.5% per month of for delay of work, delay to be completed on per Day basis.

Provided always that the total amount of compensation for delay to be paid under this condition shall not exceed 10% of the Tendered Value of work or to the Tendered Value of the item or group of items of work for which a separate period of completion is originally given.

The amount of compensation may be adjusted or set-off against any sum payable to the Contractor under this or any other contract with the Government. In case, the contractor does not achieve a particular milestone mentioned in contract data, or the rescheduled milestone(s) in terms of Clause 2.1.5, the amount shown against that milestone shall be withheld, to be adjusted against the compensation levied at the final grant of extension of time. Withholding of this amount on failure to achieve a milestone, shall be automatic without any notice to the contractor. However, if the contractor catches up with the progress of work on the subsequent milestone(s), the withheld amount shall be released. In case the contractor fails to make up for the delay in subsequent milestone(s), amount mentioned against each milestone missed subsequently also shall be withheld. However no interest whatsoever shall be payable on such withheld amount.

2.3. Management Meetings.

- 2.3.1. Either the Engineer or the Contractor may require the other to attend a management meeting. The business of a management meeting shall be to review the plans for remaining work and to deal with matters raised in accordance with the early warning procedure.

- 2.3.2. The Engineer shall record the business of management meetings and is to provide copies of his record to those attending the meeting and to the Employer. The responsibility of the parties for actions to be taken to be decided by the Engineer either at the management meeting or after the management meeting and stated in writing to all who attended the meeting.

Clause-2 (b) of Percentage Rate P1 Agreement: - Rescission of Contract (Amendment as per letter No.10639 dated, 27.05.2005 of Works Department, Odisha) :-

To rescind the contract (of which rescission notice in writing to the contractor under the hand of the Chief Executive shall be conclusive evidence), 20% of the value of left over work will be realized from the contractor as penalty.

RESERVATIONS OF THE TENDER INVITING AUTHORITY

59. If any bonafide mistake or omission in the wording & description of any clause in DTCN is left unnoticed & inadvertently & the same is detected after sale of the bid document, then the Tender inviting authority i.e. the **Chief Executive**, RPRC, Bhubaneswar reserves every right to correct that and all purchasers will abide by that correction as per Clauses-6 to 8.
60. Similarly, if any bonfire arithmetical error or mistake / omission in wording of any item or Unit of item etc. is left in the Bill of Quantity (Price Bid) unnoticed & inadvertently & the same is detected after sale of the bid document, then the Tender inviting authority i.e. the **Chief Executive**, RPRC, Bhubaneswar reserves every right to correct that and all purchasers will abide by that correction as per Clauses-6 to 8.
61. (i) In case of doubt / confusion / ambiguity on any score regarding qualification or disqualification of any tenderer for the bid and which is not specifically covered in the above clauses of the DTCN, then the decision of the authority inviting the tender i.e. the **Chief Executive**, RPRC, Bhubaneswar will be final & binding to all concerned for all purposes.
- (ii) Similarly, after the drawl of the agreement with the contractor, in case of any controversy during execution of the work, then the decision by the Engineer-in-charge of the work i.e. the Chief Executive, Bhubaneswar (R&B) Division No.III, Bhubaneswar within his limitations / power, will be final & abiding to the contractor, if not categorically specified in the clauses of DTCN or Agreement.
62. In case of ambiguity between clauses of this **DTCN** and the **P1** contract form, the relevant clauses of the P1 contract form shall prevail over the DTCN. The clauses not covered under P1 contract form shall be governed by the clauses of the DTCN.
63. That, for the purpose of determining the jurisdiction in the event of any dispute in the contract, it would be deemed to have been entered in to within the State of Odisha and it is agreed that neither party to the contract will be competent to bring a suit with regard to the matter by this contract at any place outside the State of Odisha.

Total: - 63 (Sixty Three) clauses only.

Approved

**Sd/-
Chief Executive
RPRC Bhubaneswar**

SPECIAL CONDITION

- 1) The Contractor will not claim anything in any shape from the Government if the work is curtailed or stopped at any stage for want of funds.
- 2) In the event of curtailment of allotment or paucity of funds (letter of credit) want of revised A/A, change in structural design and drawing, if the scope of work reduced, contractor shall not claim compensation of any nature from Govt. of Odisha.
- 3) Stages pass method to be adopted. Payment shall be made after verification of stage pass report.
- 4) Maintenance of stretch being developed, diversion traffic management is responsibility of the contractor.
- 5) All quality control test both at site and laboratory should be conducted for the work as envisaged in MORT & H specification for Road & Bridge works (4th Revision) and results be recorded in the stage pass register both for the materials used and product.
- 6) The work programme of the contractor should be followed strictly during course of execution and progress received from time to time. This work shall be completed in all respects as per the project outlay without fail. If at any time it should appear to the Engineer-in-charge that, the actual progress of the work does not confirm to the programme to which consent has been given, the contractor shall produce at the request of the Engineer-in-charge, a revised programme showing the modification to such programme necessary to ensure completion of the work within the time of completion. If the contractor does not submit an up-dated programme within this period, the Engineer-in-charge may withheld the amount of 1% of the contract value from the next payment certificate and continue to withheld this amount until the next payment after the date on which the over due programme has been submitted.
- 7) No extra expenditure will be allowed on any account pertaining to this work till its completion. Work is to be restricted to funds available.
- 8) The work is to be completed without cost overrun and time over run. Responsibility has to be fixed for delay in execution of the work and cost over run. In no case the work shall be spill over to next financial year and it has to be completed by the date line as the allotment for the work is valid up to end of current financial year.
- 9) Govt. of Odisha, Works Department Letter No. FAR 2/05-(pt) 24416 dt.24/12/05.

Clause No. 2.1.4.

If at any time it should appear to the Engineer-in-charge that, the actual progress of the work does not confirm to the programme to which consent has been given, the contractor shall produce at the request of the Engineer-in-charge, a revised programme showing the modification to such programme necessary to ensure completion of the work within the time of completion. If the contractor does not submit an up-dated programme within this period, the Engineer-in-charge may withheld the amount of 1% of the contract value from the next payment certificate and continue to withheld this amount until the next payment after the date on which the over due programme has been submitted.

- 10) All the concrete works must be cast either in the presence of Engineer Consultant/Asst. Engineer or Junior Engineer and all pre measurement must be made either in the presence of Asst. Engineer or Junior Engineer before casting of R.C.C. Works.
- 11) In support of use of branded materials like bitumen, steel, cement, tile, paints etc, the agency shall produce the purchase bills/cash memo at the time of processing the bills, as per Government of Odisha Works Department letter No. 9161 dt. 01.07.2010.

SPECIAL CONDITION

The RCC / Cement Concrete casting work must be done either in the presence of Engineer Consultant /Asst. Engineer or Junior Engineer concerned.

PROFORMA

Date	Nature of Work executed	Approximate quantity to be executed (in Cum)	Length / Area (In Meter / Sqm)	Officer Present with sign.	Remarks.
1	2	3	4	5	6

The above report be submitted to Division Office in every fortnight.

UNDERTAKING

I / We Sri
S/o Village.....
P.O. P.S....., Dist. do
hereby undertake that, I / We will not claim any thing in shape from the Government if the work assigned to me / us curtailed or stopped at any stage due to unavoidable circumstances or for want of funds.

TECHNICAL SPECIFICATIONS FOR CIVIL PORTION OF WORK

Materials of following specification are to be used in work. The Tenderer are expected to possess and be well conversant with the following IS standard and corde of practice

1.	Cement	Will be as per I.S. 269/255 (However the grade of cement to be selected by the Engineer-in-Charge of work and complex cube test before commencement of work in each batch).
2.	Steel	I.S. 432 (Plain) and 1785 (Tor)
3.	Vibrator	I.S. 7246
4.	Aggregate	I.S. 383, I.S. 515
5.	Water for mixing and curing	Shall be clean, free from injurious amount of oil, salt, acid, vegetable materials and other substances and harmful to concrete in conformity to I.S. 456 and I.S. 2025.
6.	Sand / Fine Aggregate	I.S. 2116, 383
7.	Binding wire	I.S. 280 (galvanised minimum 1 mm)
8.	Rain water pipe	I.S. 2527
9.	Construction joints	I.S. 3414
10.	Steel Window Frame	I.S. 1038/83
11.	Steel Door Frame	I.S. 4351/75
12.	Fitting & Fixtures for journey works	Conforming to I.S. 7452/82 strictly conform to I.S. specification and as per direction of Engineer-in-Charge.

Note : For road work (Approach Road) specification as per road and bridges (latest edition) published by I.R.C & M.O.S.T. shall be followed. In case of any doubt and absence of provision, regarding specification I.S. shall be referred (Indian standard

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ITEM OF WORK

1. Concrete shall be with conformity to I.S.456.
2. Foundation shall be with conformity to I.S.1080.
3. Stone masonry (R.R.) shall be with conformity to I.S.1597 (Part-I)
4. C.R. Masonry shall be with conformity to I.S.1597.
5. Brick masonry shall be with conformity to I.S.2212.
6. Cement plastering shall be with conformity to I.S.9103 & 6925.
7. Mortar shall be with conformity to I.S.2250
8. White and colour washing shall be with conformity to I.S.6278.
9. CC in foundation shall be with conformity to I.S.2571.
10. Anti-Termite Treatment shall be with conformity to I.S.6813. (Part – I & Part – II)
11. Painting to all surfaces shall be with conformity to I.S.2395 (Part – I & Part – II)
12. Steel painting shall be with conformity to I.S.1477 (Part – I & Part – II) I.S.1661

CERTIFICATE OF NO RELATIONSHIP

I/We hereby certify that I/We* am/are* **related / not related*** to any officer of the Forest & Environment Department, Govt. of Odisha I/We* am/are* aware that, if the facts subsequently proved to be false, my/our* contract will be rescinded with forfeiture of E.M.D and security deposit and I/We* shall be liable to make good the loss or damage resulting from such cancellation.

I/We also note that, non-submission of this certificate will render my / our tender liable for rejection.

(*) - Strike out which is not applicable

Signature of the Tenderer
Date:-

**INFORMATION REGARDING CURRENT LITIGATION, DEBARRING EXPELLING OF
TENDERED OR ABANDONMENT OF WORK BY THE TENDERER**

- | | | | |
|----|----|------------------------------------------------------------------------------------------------------------------------------|----------|
| 1. | a) | Is the tenderer currently involved in any litigation relating to the works. | Yes / No |
| | b) | If yes: give details: | |
| 2. | a) | Has the tenderer or any of its constituent partners been debarred/ expelled by any agency in India during the last 5 years. | Yes / No |
| 3. | a) | Has the tenderer or any of its Constituent partners failed to perform on any contract work in India during the last 5 years. | Yes / No |
| | b) | If yes, give details: | |

Note:

If any information in this schedule is found to be incorrect or concealed, qualification application will be summararily be rejected.

Signature of the Tenderer

AFFIDAVIT

1. The undersigned do hereby certify that all the statements made in the required attachments are true and correct.
2. The undersigned also hereby certifies that neither **I / our** firm M/S _____ nor any of its constituent partners have abandoned any road/ bridge/Irrigation /Buildings or other project work in India nor any contract awarded to us for such works have been rescinded during the last five years prior to the date of this bid.
3. The undersigned hereby authorized and request (s) any bank, person, firm or Corporation to furnish pertinent information as deemed necessary and as requested by the Department to verify this statement or regarding my (our) competency and general reputation.
4. The undersigned understands and agrees that further qualifying information may be requested and agree to furnish any such information at the request of the Department.

Signature of the Tenderer

Title of Officer

Name of Firm

Date:

Approved for 22 (Twenty two) pages only.

**Sd/-
Chief Executive
RPRC, Bhubaneswar**

Tender Inviting Authority:- Chief Executive , RPRC, Bhubaneswar.						
Name of Work:- Construction of Bottle washing Room for Modern Tissue culture Laboratory at RPRC, Bhubaneswar for the Year 2016-17						
Bid Identification No:-TCN-22./2016-17						
Bidder Name:				Excess (+)	0.00	%
SCHEDULE OF WORKS						
Sl. No.	Description of work	No. or Qty.	Unit	Estimated Rate		AMOUNT Rs. P
				Figure	Words	
1	Earth work excavation of foundation trenches in all kinds of soil including moorum, stoney earth and earth mixed with boulders except sheet rocks and boulders including dressing of sides and leveling the bed up to the required depth and disposing the excavated materials away from the work site with initial lead and lift, including shoring, shuttering with cost of all labour, sundries & T & P etc. required for the work complete as directed by the Engineer in charge.	25.85	Cum	132.00	Rupees one hundred thirty two only	3412.20
2	Supplying and filling in foundation trenches and plinth with coarse river sand well watered and rammed in layers not exceeding 23 cm. in depth with all leads and lifts including cost, conveyance, royalties and taxes of all materials, cost of all labour, sundries, T&P required for the work etc. complete in all respect as directed by the Engineer in charge. (Measurement will be taken on finished compacted section only)	15.16	Cum	321.20	Rupees three hundred twenty one and twenty paise only	4869.40
3	Cement concrete of prop.(1:4:8) in foundation and floors using 4cm. size black hard (crusher broken) granite metal of approved quality from approved quarry including lowering, laying concrete, watering and curing etc. complete to required level laid in layers not exceeding 15cm. thick including cost, conveyance, royalties and taxes of all materials and cost of all labour, side shuttering, cost of dewatering if necessary etc. required for the work complete as directed by the Engineer in charge.	7.55	Cum	3719.50	Rupees three thousand seven hundred nineteen and fifty paise only	28082.23

4	Brick masonry in C.M.(1:6) using Fly ash bricks of 25cm x 12cm x 8cm. Size having crushing strength not less than 75Kg/cm ² after immersing the bricks for six hours in water before use in foundation, plinth and basement and for ornamental flower beds, plinth moulding and similar such type of works with all necessary projections, cutting, moulding, corbelling, champhering, watering and curing including cost, conveyance, royalties and taxes of all materials and cost of all labour, sundries and T&P. etc. required for the work complete as directed by the Engineer in charge.	13.48	Cum	3762.70	Rupees three thousand seven hundred sixty two and seventy paise only	50721.20
5	2.5cm. (av) thick D.P.C. with cement concrete of prop. (1:2:4) using 12mm to 20mm size black hard (crusher broken) granite chips (20mm size not to exceed 25%), watering and curing including cost, conveyance, royalties and taxes of all materials and cost of all labour T&P required for the work complete in all respect as directed by the Engineer in charge.	6.43	Sq-mt	214.60	Rupees two hundred fourteen and sixty paise only	1379.88
6	Brick masonry in C.M.(1:6) using Fly ash bricks of 25cm x 12cm x 8cm. Size having crushing strength not less than 75Kg/cm ² after immersing the bricks for six hours in water before use in Superstructure and for ornamental flower beds, plinth moulding and similar such type of works with all necessary projections, cutting, moulding, corbelling, champhering, watering and curing including cost, conveyance, royalties and taxes of all materials and cost of all labour, sundries and T&P. etc. required for the work complete as directed by the Engineer in charge.	17.39	Cum	3796.00	Rupees three thousand seven hundred ninety six only	66012.44
7	Brick masonry in C.M.(1:4) using Fly ash bricks of 25cm x 12cm x 8cm. Size having crushing strength not less than 75Kg/cm ² after immersing the bricks for six hours in water before use in Superstructure and for ornamental flower beds, plinth moulding and similar such type of works with all necessary projections, cutting, moulding, corbelling, champhering, watering and curing including cost, conveyance, royalties and taxes of all	1.06	Cum	4026.00	Rupees four thousand twenty six only	4267.56

	materials and cost of all labour, sundries and T&P. etc. required for the work complete as directed by the Engineer in charge.					
8	Reinforced cement concrete of M-20 grade as per approved designs and drawings having a minimum compressive strength (in work test) of 200kg/cm ² in 15 cm cubes at 28 days after mixing and test conducted in accordance with I.S. 456 and I.S. 516 using 12 mm. to 20 mm. size black hard crusher broken granite chips (20 mm. size chips not to exceeds 25 %) and screened and washed sharp sand for mortar of approved quality from approved quarry to be mixed in concrete mixture including hoisting, lowering, laying and compacting concrete by using vibrators, watering and curing for 28 days, centering and shuttering then after dismantling and removing debris from the work site and finishing the exposed surface smooth providing grooves or beads wherever necessary including cost, conveyance, royalties and taxes of all materials and cost of all labours, sundries, T&P, required for the work etc. complete but excluding cost and conveyance of M.S. rods or Tor steel and binding wires and labour charges for straightening, cutting, bending etc. of M.S. rods or Tor steel tying the grills and placing in proper position as directed by the Engineer in charge.					
a)	R.C.C Lintel	1.01	Cum	8013.50	Rupees eight thousand thirteen and fifty paise only	8093.64
b)	R.C.C Beam	0.53	Cum	9070.80	Rupees nine thousand seventy and eighty paise only	4807.53
c)	R.C.C Roof Slab	5.81	Cum	8318.90	Rupees eight thousand three hundred eighteen and ninety paise only	48332.81

d)	R.C.C 65mm thick (av) Chajja	18.87	Sq- mt	699.20	Rupees six hundred ninety-nine and twenty paise only	13193.91
e)	R.C.C fins for sink	10.41	Sq- mt	1268.73	Rupees one thousand two hundred sixty eight and seventy three only	13207.48
9	Cutting, Straightening coiled or bent up M.S. rods or Tor steel welding or jointing if necessary, bending, binding, tying the grills and laying in position as required for R.C.C. works and hoisting, lowering and placing in position in all floors according to approved designs and drawings including cost, conveyance, taxes of M.S. rods or Tor steel and binding wires of 18 to 20 gauge required for the work and cost of all labour, sundries, T&P etc. complete in all respect as directed by the Engineer in charge (payment will be made according to the actual weight of M.S. rod / Tor steel consumed in the work and no separate payment will be made towards weight of binding wires which is to be borne by the contractor at his own cost)	8.48	Qtl	5090.80	Rupees five thousand ninety and eighty paise only	43169.99
10	12mm. thick cement plaster in cement mortar (1:4) over brick work with cement punning and bitumen painting including watering and curing, rounding of corners with cost, conveyance, royalties and taxes of all materials and cost of all labour, scaffolding, sundries and T&P. etc. required for the work etc. complete as directed by the Engineer in charge.	6.43	Sq- mt	151.00	Rupees one hundred fifty one only	970.93
11	12mm. thick cement plaster in cement mortar (1:6) in all floors at all height finishing smooth to smooth surface of brick walls after raking out the joints including watering and curing, rounding of corners with cost, conveyance, royalties and taxes of all materials and cost of all labour, scaffolding, sundries and T&P. etc. required for the work etc. complete as directed by the Engineer in charge.	116	Sq- mt	96.50	Rupees ninety six & fifty paise only	11194.00

12	16mm. thick cement plaster in cement mortar (1:6) in all floors at all height finishing smooth to rough surface of brick walls after raking out the joints including watering and curing, rounding of corners with cost, conveyance, royalties and taxes of all materials and cost of all labour, scaffolding, sundries and T&P. etc. required for the work etc. complete as directed by the Engineer in charge.	74.36	Sq- mt	135.90	Rupees one hundred thirty five and ninety paise only	10105.52
13	6mm. thick cement plaster to ceiling in cement mortar (1:4) in all floors at all height including closed deep chipping with slurry treatment to the R.C.C. surfaces finished smooth including watering and curing, rounding of corners with cost, conveyance, royalties and taxes of all materials and cost of all labour, scaffolding, sundries and T&P. etc. required for the work etc. complete as directed by the Engineer in charge.	86.64	Sq- mt	106.90	Rupees one hundred six & ninety paise only	9261.82
14	Supplying, fitting and fixing of ceramic glazed wall tiles on walls of approved quality (conforming to IS 1375), shade and 1'-0" x 0'-8" size fixed on 12mm thick bed of C.M (1:3) jointed with neat cement slurry mixed with pigment to match the shade of tiles including cleaning the floor surface smooth including cutting to proper size with cost, conveyance and taxes of all materials, labour, T&P. etc. required for the work complete as directed by the Engineer in charge.	16.16	Sq- mt	724.90	Rupees seven hundred twenty-four & ninety paise only	11714.38
15	Supplying, fitting and fixing of ceramic tiles on floors / dadoos of approved quality (conforming to IS 13755), shade and 400 x 400mm thick size fixed on 25mm thick bed of C.M (1:1) , jointed with neat cement slurry mixed with pigment to match the shade of tiles including cleaning the floor surface smooth including cutting to proper size with cost, conveyance and taxes of all materials, labour, T&P. etc. required for the work complete as directed by the Engineer in charge.	41.89	Sq- mt	804.50	Rupees eight hundred four & fifty paise only	33700.50

16	<p>Supplying, fitting and fixing of factory made FRP (alternately called GRP) door frame of size 75mm x 100mm of approved shade fabricated using E-Glass Chopped strand Mat (CSM), U.V. stabilized Isophthalic Gelcoat, and impregnated with Isophthalic resin. The thickness of the GRP skin shall not be less than 2.0mm. The door frame consist of four segments, which are provided with plug-in-socket arrangement in-situ in the mould. The segments are plugged in and are jointed together by means of screw. The GRP frame shall be provided with wooden reinforcement on six locations for high screw holding capacity for fixing metallic hold fast and shall be consolidated by filling with medium density foam / plaster of Paris with fibre reinforcement. Six numbers of 260mm x 25mm x 5mm size 'S' shaped M.S. flat hold fast shall be provided with the frame. The material and process for manufacturing the door frames shall confirm to RV-TIFAC composites Design Centre's Standards and specifications with cost, conveyance, royalties and taxes of all materials, labour, T&P. etc. complete as directed by the Engineer in charge.</p>	5.48	Rmt	387.70	Rupees three hundred eighty-seven & seventy paise only	2124.60
17	<p>Supplying, fitting and fixing of factory made single leaf rigid FRP (alternately called GRP) sand witch composite door shutter of approved shade & design of 32mm thick, laminated with two GRP skins with wood grain finish, fabricated using UV-stabilized Isophthalic Gel coat and one layer of 450 gsm E-glass Chopped Strand Mat (CSM) impregnated with orthophthalic, polyester resin. The thickness of the skins shall not be less than 1.5mm. Expanded Polystyrene (EPS) structural foam panel of 29mm thickness and a density of 20kg/Cu. Mtr. shall be used as core material. Wooden reinforcements made of seasoned Sal Wood block of cross section not less than 28mm x 32mm and also necessary sal wood reinforcements for fixing the metal fittings such as tower bolts, aldrops, handles, etc. shall be provided. A structural adhesive compatible with EPS) foam shall</p>	2.86	Sq- mt	2773.90	Rupees two thousand seven hundred seventy three and ninety paise only	7933.35

	be used for bending the core material, the sal wood reinforcements and the skins. The material and process for manufacturing the door shutters shall confirm to RV-TIFAC composites Design Centre's standards and specifications and the door shutters tested in confirmation to IS 4020-1998 with cost, conveyance, royalties and taxes of all materials, cost of all labour, T&P. etc. complete as directed by the Engineer-in-charge					
18	Supplying, fitting and fixing in position M.S. grill of approved design in windows and ventilators made out of 25mm. x 6mm. size M.S. flat / 10mm thick square bar including cutting the same to proper sizes, welding, chamfering and one coat of priming with red oxide and fixing with screws as may be required including cost, conveyance taxes of all materials, cost of all labour, sundries and T&P etc. required for the work complete as directed by the Engineer-in-charge.	1.98	Qtl	7470.00	Rupees seven thousand four hundred seventy only	14790.60
19	Supplying, fitting and fixing in position two-track sliding type window shutter with partition using aluminum anodized sections such as B-4096, B-4095 for top & bottom, B-9777 (sec-A), B-9778 (I-lock), B-4148 (H-sec) including supplying, fitting and fixing of 6mm. thick black glass with handle, sliding wheel, hard ware fittings and other materials required for complete the work in all respect as per approved design and drawing with cost, conveyance, taxes of all materials, cost of all required labour to complete the work as per the direction of engineer-in-charge.	9.20	Sq-mt	3547.60	Rupees three thousand five hundred forty seven and sixty paise only	32637.92
20	Fixing granite tile (above 0.1 sqm of 10mm thick) in floors treads or steps and landing on 25mm thick bed of cement mortar 1:1 (1 cement : 1 sand) jointed with neat cement slurry mixed with pigment to match the shades on the tiles etc. complete.	18.44	Sq-mt	1671.00	Rupees one thousand six hundred seventy one only	30813.24
21'	Cement washing one coat to plastered surfaces in all floors at all height including cost, conveyance and taxes of all materials and cost of all labour, curing, scaffolding and T&P. etc. required for the work etc. complete.	277.00	Sq-mt	12.30	Rupees twelve and thirty paise only	3407.10

22	Painting two coat to plastered surfaces of walls with water proof cement paint of approved shade and quality in all floors at all heights including preparing the surface, watering, curing with cost, conveyance and taxes of all materials and cost of all labour, scaffolding, sundries and T&P etc. required for the work complete as directed by the Engineer in charge	277.00	Sq- mt	26.90	Rupees twenty six and ninety paisa only	7451.30
23	Painting two coat to wood and/or iron works with enamel paintover a coat of priming of approved shade and quality including sand papering and preparing the surface smooth including cost, conveyance and taxes of all materials and cost of all labour, scaffolding, sundries and T&P etc. required for the work complete as directed by the Engineer in charge.	4.60	Sq- mt	132.10	Rupees one hundred thirty two and ten paisa only	607.66
Total estimated cost in Figures						466263.19
					Or say	466263.00
Quoted Amount						
Quoted rate in Words						

BID SALE DETAILS

Name of the work tendered for:- Cconstruction of Bottle washing station for Modern Tissue culture Laboratory at RPRC, Bhubaneswar for the Year 2016-17

Approx. Estimated amount:- Rs4,66,263.00

Cost of tender paper :- Rs2000/- + VAT @5 %= Rs2100.00

Last date of sale of tender : Dated (14.02.17 up to 03.00 PM)

Last date of receipt of tender : Dated (14.02.17 up to 5.00P.M)

Opening of tender : Dated (15.02.17 at 4 P.M)

Issued to the tenderer:.....

Vide Money Receipt No..... Date

Class.....

**Sd/-
Administrative Officer**

CHECK LIST

(For official use only)

1. Name of Agency :-

2. Valid Registration Certificate: - Not Furnished / Furnished _____ Class Valid up to _____.

3. PAN CARD :- Not Furnished / Furnished _____.

4. Valid VAT clearance certificate :- Not Furnished / Furnished Valid up to _____.

5. EMD :- Not Furnished / Furnished for Rs _____ vide in
Shape of _____
_____.

6. (i) Total No of Correction..... In item No _____)

(ii) Total No of Over writing..... In item No _____)

(iii) Total No of Interpolation..... In item No _____)

7. Total No Sheets enclosed _____ (excluding EMD of _____ sheets)

8. Validity of Tender Paper: - VALID / UNVALID due to _____

(Chairman Tender Committee)