

# ADVERTISEMENT

## SHORT TENDER NOTICE

NIT Ref. No- PRB/SFURTI/ADV/ 1

Date 25/09/2020

JRP-Jeevanrekha Parishad , **Plot no-387, Damana Square , , C.S. Pur, Bhubaneswar 751016 Odisha** invites sealed bids from Regd. contractor of Class “A” and “B” of State Govt . Or equivalent Grade / Class registered with Central Government / MES / Railway or other licensing Authority with specialization in building construction for execution of civil works on “**CONSTRUCTION OF BUILDING FOR DASAPALLA BEE WAX & HONEY CLUSTER**, OVER PLOT NO-81/579, KHATA NO -26/23, MOUZA- KHALAMADA, DASAPALLA, NAYAGARH ODISHA under SFURTI scheme of Government of India.

Detailed ‘Bid Documents’ may be purchased from *JRP Office* or downloaded from website: [www.iedodisha.nic.in](http://www.iedodisha.nic.in) or [www.jrpsai.org](http://www.jrpsai.org) between **28.09.2020 to 10.10.2020**.

Sealed Bids may be submitted on or before **12.10 .2020(1 PM) and be opened on same date at 4 p.m. at JRP Bhubaneswar Office .**

Ph: 7854872808

Sd/- Secretary

**TENDER DOCUMENTS  
(DTCN)**

**FOR THE WORK**

**CONSTRUCTION PROPOSED BUILDING FOR DASAPALLA BEE WAX & HONEY CLUSTER, BY JEEVAN REKHA PARISAD, OVER PLOT NO-81/579, KHATA NO -26/23, MOUZA- KHALAMADA, DASAPALLA, NAYAGARH ODISHA**

**LOCATION OF WORK SITE :-Plot No 386/1398 , Jagapur -Bhanjanagar Road,Near Rice Mill Daspalla, Nayagarh**

***JEEVANREKHA PARISHAD-JRP***

**Plot no-387, Damana Square,, PO: C.S. Pur, Bhubaneswar-751016**

**Mobile:7854872808E-mail:[jeevanrekha@hotmail.com](mailto:jeevanrekha@hotmail.com)**

**SHORT TENDER NOTICE**

NITRef.No:-PRB/SFURTI/ADV/2

Date: 25 /09./2020

The Secy. ***Jeevan Rekha Parishad ( JRP )***, Bhubaneswar, Odisha invites **Percentage Rate** bids sealed tender from experienced on similar nature of work Regd. contractor of Class ‘A or B’ of State Govt . or equivalent Grade / Class registered with Central Government / MES / Railway or other licensing Authority for execution of civil works . The detailed tender documents along with condition are available in the website: [www.iedodisha.nic.in](http://www.iedodisha.nic.in) or [www.jrpsai.org](http://www.jrpsai.org) and also from JRP Office, Bhubaneswar, within schedule period.

Name of Work :- CONSTRUCTION OF BUILDING FOR DASAPALLA BEE WAX & HONEY CLUSTER ,BY JEEVAN REKHA PARISAD , OVER PLOT NO-81/579, KHATA NO -26/23, MOUZA- KHALAMADA , DASAPALLA, NAYAGARH ODISHA.

Estimated Cost :- Rs 65.00 Lakhs

Cost Of Tender paper :- Rs 10,000/- (Non refundable)

E.M.D. :- Rs 65,000/-

Period Of Completion :- **4 Months.**

Date of Sale of Tender papers :- **Dt 26 / 09 /20 20 to 10/10/2020**

Last date of receipt of Tender paper :- **Dt 12 / 10 / 2020 ( 1 PM) at JRP Bhubaneswar**

Date of opening of Tender Papers **office.**  
:- **Dt 12 / 10 / 2020 ( 4.00 PM)** at JRP- Bhubaneswar office, Plot No 387, Damana Square, C.S.Pur, Bhubaneswar .

The authority reserves the right to modify completely / partly the DTCN/ tender notice or reject any or all tenders without assigning any reason thereof.

Secy.

**Jeevan Rekha Parishad ( JRP)**  
Plot no 387 , Damana Square,  
C.S.Pur, Bhubaneswar -751016

### **DETAILED TENDER CALL NOTICE**

The Secy. **Jeevan Rekha Parishad ( JRP)**, Plot no 387 , Damana Square, C.S.Pur, Bhubaneswar 751016 , invites Percentage% rate Tender in sealed cover from Regd. contractor of Class “A” and B of State Govt . or equivalent Grade / Class registered with Central Government / MES / Railway or other licensing Authority for execution of civil works with valid license including valid PAN No. / GST Reg. No. (RGN). The tender document will be received up to **1:00 P.M. of,12.10.2020** at **JRP Bhubaneswar Office** at Plot No 387, Damana Square , C.S.Pur, Bhubaneswar starting from the date of publication of Advertisement and the same will be **opened at JRP Bhubaneswar office** on **Dt .12.10.2020 at 4:00 P.M.** in the presence of indenting tender bidders or their authorized representatives. The opening date may change in case of occurrence of any unavoidable circumstance. The tenderer should submit duly filled up tender documents along with EMD and copy of valid Regd. Certificate including contractor license, Pan Card / GST Regd. No & other supporting documents with in schedule time.

### **TERMS AND CONDITIONS**

1. The rate are including cost of transportation, royalties and all other taxes including GST.
2. The tenderer are requested to go through the conditions of DTCN and on fulfillment of the conditions, before they may apply for tender.

- 3 Tenderer having experience in similar nature of works only will be preferable for the work and his experience certificate of such work which is to be obtained from the appropriate authority , under whom such work has been executed successfully will only be the tender taken into preferable considered.
4. The work order will be issued to the successful tenderer only on execution of agreement as per approved format of JRP.
5. The attested copies of up to date certificate of Pan Card & VAT / GST clearance certificate should be enclosed along with the filled in tender documents.
- 6 The work will be completed within 4 **months** time from the date of issue of the work order and extension of time for completion of the work will not be allowed under any circumstances.
8. The Income Tax and other Tax as applicable from time to time by Govt. shall be deducted from the bill.
- 9 The authority may put an end to the agreement at his discretion any time in case of poor progress of work or supplying of sub- standard materials /works or violation of any Govt. / Engineer-in-Charge order . The authority may remark or reject the same and have it replaced, deducting the value of removed/ rejected materials / works from the amount due to the party as per actual.
10. Security deposit **@5%** of the bill amount will be deducted from each bill & this amount will be refunded after **three months** of completion of work in case no deficiencies/discrepancies are detected.
11. This tender schedule will form the part of agreement, when the tender is accepted.
12. The tenderer should sign in all pages of the tender document. All corrections / alterations should duly be signed by the tenderer.
- 13 The successful contractor/tenderer should start the work , with in the premises of work site , as per prevailing rules & restrictions of the office.
- 14 The authority reserves the right to reject incomplete tenders or tenders received after due date and time.
- 15 Tender papers should be sent by registered/ speed post & can also accepted for dropping in the Tender Box. It is the responsibility of the tenderer to see that the papers reach within the scheduled time. Delay in transit will not be the responsibility of the authority. The cost of registration fees , to and fro will be borne by the intending tenderer.

- 16 **E.M.D.** amounting to **Rs 65,000/-** in shape of POSB/NSC/POTD/KVP/Deposit receipt of schedule bank duly pledged in favour of **Jeevanrekha Parishad payable at Bhubaneswar** , shall be furnished along with tender. The earnest money will be refunded to the unsuccessful bidder on application and same will be retained in case of successful bidder as **“Initial Security Deposit** “and will not carry any interest , the same will be refunded at time of release of Security Deposit . Exempted bidder (as per Govt. order) should submit the supporting documents and affidavits for exemption of EMD.
17. Additional performances security shall be deposited by the successful bidder when bid amount is seriously unbalanced i.e. less than the estimated cost by more than 10%, in such event the successful bidder will deposit the additional performances security to extent of differential cost of bid amount and 90% of the estimated cost in shape of postal offices bank account/N.S.C/ K.V.P/ B.D of any schedule bank duly pledged in favor of the **Jeevanrekha Parishad payable at Bhubaneswar** , at the time of signing of agreement .
- 18 The contractor shall not employ any person below the age of eighteen and should be guided by prevailing works rule of Govt.
19. The contractor has to deposit Rs **10,000/- (non-refundable)** to words cost of tender paper along with sealed tender paper in shape of D/D from any schedule bank duly pledged in favor of the **Jeevanrekha Parishad payable at Bhubaneswar.**
20. For any other required information, the contractor may attend the JRP office at Bhubaneswar during working hours till last date of receipt of Tender Paper.
- 21 Tenderer is not required to write their name on the outer cover containing the tender documents. They are only required to write the name of the work and authority who had issued the tenders.
- 22 Any dispute arising out of execution of the work, if not settled mutually can be referred to and will be settled by appropriate court within the jurisdiction of Bhubaneswar for judicial scrutiny and not arbitration.
- 23 All the materials / fixture / fittings should get approved by Officer in charge of the work before its use.
24. The bidder should visit the work site before submission of their offer and signed in every page of this schedule as a token of acceptance.
25. It is sole responsibility of the contractor to maintain healthy atmosphere at work side. Before hand over of site , it should be properly cleaned.

26. The authority reserves the right to modify completely / partly the DTCN/ tender notice or reject any or all tenders without assigning any reason thereof.

## **ELIGIBLE BIDDERS**

The Invitation for Bid is open to all Bidders including an individual, proprietorship firm, partnership firm, company registered under Companies Act, any legal entity or joint ventures. The bidders shall be eligible to participate only if they fulfill the qualifying/eligibility criteria specified in tender Notice.

No sub-letting of the work as a whole by the contractor is permissible. Prior permission is required to be taken from the principal employer for engagement of sub-contractors in part work/piece rated work.

The Contract Agreement will specify major items of supply or services for which the contractor proposes to engage sub-contractor/sub-vendor. The contractor may from time to time propose any addition or deletion from any such list and will submit proposals in this regard to the Engineer-in- Charge / Designated Officer in charge for approval well in advance so as not to impede the progress of work. Such approval of the Engineer-in-Charge / Designated Officer in Charge will not relieve the contractor from any of his obligations, duties and responsibilities under the contract.

## **QUALIFICATION OF THE BIDDER**

If the bidder is subsidiary of a company, the experience and resources of the holding company or its other subsidiaries will not be taken into account. However, if the bidder is a holding company, the experience and resources of its wholly owned subsidiaries will be taken into consideration.

Even though the bidders meet the above eligibility/qualifying criteria, they are subject to be disqualified if they have:

- a. Made misleading or false representations in the forms, statements and attachments submitted in proof of the qualification requirements; and/or
- b. Record of poor performance such as abandoning the works, not properly completing the contract, inordinate delays in completion, or financial failures etc.

Notes (be deleted from Bid document)

- i) The qualification criteria are to be considered as a Standard for normal works.
- ii) For specialized works based on requirement the subsidiary may add/modify “Qualification Criteria” and “Other Provisions” with the approval of competent authority.
- iii) The documents to be furnished by the bidder to prove that he is satisfying the qualification criteria laid down should all be in the bidders name except in cases where though the name has changed, owners continued to remain the same and in cases of amalgamation of entities and when a holding company relies on credential of its wholly owned subsidiary.

## **ONE BID PER BIDDER**

Each Bidder shall submit only one Bid, either individually, or as a partner in a partnership firm or a Public Ltd. /Private Ltd. company or any legal entity. A Bidder who submits or participates in more than one Bid (other than as a subcontractor or in cases of alternatives that have been permitted or requested) will cause all the proposals with the Bidder's participation to be disqualified.

## **COST OF BIDDING**

The Bidder shall bear all costs associated with the preparation and submission of his Bid, and the Employer will in no case be responsible or liable for those costs.

## **SITE VISIT**

The Bidder, at the Bidder's own responsibility, cost and risk, is encouraged to visit and examine the Site of Works and its surroundings, approach road, soil condition, investigation report, existing works, if any, connected to the tendered work, drawings connected to the work, if / as available and obtain all information that may be necessary for preparing the Bid and entering into a contract for execution of the Works. The costs of visiting the Site shall be at the Bidder's own expense.

It shall be deemed that the Bidder has visited the site/area and got fully acquainted with the working conditions and other prevalent conditions and fluctuations thereto whether he actually visits the site/area or not and has taken all the factors into account while quoting his rates.

The bidder is expected, before quoting his rate, to go through the requirement of materials / workmanship, specification, requirements and conditions of contract.

The bidder, in preparing the bid, shall rely on the site investigation report referred to in the bid document (if available), supplemented by any information available to the bidder.

## **CLARIFICATION OF BIDDING DOCUMENTS**

A prospective bidder requiring any interpretation or clarification of bidding document may seek clarification online or during pre-bid meeting (if any). The clarifications may be asked from the next day of Publication of NIT. The last date for seeking clarification will be as specified earlier. The Implementing Agency will clarify as far as possible only relevant queries. All drawing & design of the work can be seen by the bidder with in office working hour at the Office of **Jeevan Rekha Parishad ( JRP)**, Plot no 387 , Damana Square, C.S.Pur, Bhubaneswar 751016 till last date of submission of tender.

## **LANGUAGE OF BID**

All documents relating to the Bid shall be in the English language.

## **BID PRICES**

All duties, taxes , GST and other levies, royalty, building and construction workers cess (as applicable in States) payable by the bidder/Contractor under the Contract, or for any other cause as applicable shall be included in the rates, prices and the total Bid Price submitted by the Bidder. All investments, operating expenses, incidentals, overheads, leads, lifts, carriages, tools and

plants etc. as may be attendant upon execution and completion of works shall also be included in the rates, prices and total Bid price submitted by the bidder.

## **BID VALIDITY**

Bid shall remain valid for a period not less than 90 days after the deadline for bid submission. A bid valid for a shorter period shall be rejected by the Employer.

In exceptional circumstances, prior to expiry of the original time limit, the Employer may request that the bidder(s) extend the period of validity for a specified additional period. The request and the bidder's response shall be in writing. A bidder may refuse the request without forfeiting his bid security. A bidder agreeing to the request will not be required or permitted to modify his bid but will be required to extend the validity of his bid security for the period of extension, and in compliance in all respects.

## **BID SECURITY / EARNEST MONEY DEPOSIT**

The bidder shall furnish, as part of his bid, a Bid Security/ Earnest Money of the amount as shown in tender Notice and drawn in favour of *Jeevanrekha Parishad* payable at Bhubaneswar.

**Any Bid not accompanied by an acceptable Bid Security/ EMD shall be summarily rejected by the employer as non-responsive.**

The Bid Security/EMD of the unsuccessful bidder shall become refundable. The unsuccessful Bidder for this purpose means the bidders who have not emerged as L-1 Bidder after opening of price bid.

## **INSTRUCTIONS TO BIDDERS**

The Bid Security/Earnest Money may be forfeited:

a. if the Bidder withdraws the Bid after Bid opening during the period of Bid validity / extended validity with mutual consent;

OR

b. in the case of a successful Bidder, if the Bidder fails within the specified time limit to:

(i) sign the Agreement;

Additionally the bidder will not be allowed to participate in the re-tender. The employer reserves the right to debar such defaulting contractor from participating in future bids for a minimum period of 12 months.

The Bid Security/ EMD deposited with the Employer will not carry any interest.

## **AWARD CRITERIA**

Subject to Qualification as per said criteria, the Employer will award the Contract to the Bidder whose Bid has been determined to be substantially responsive to the Bidding documents and who



has offered the lowest evaluated acceptable Bid Price, provided that such Bidder has been determined to be:

- a) Eligible in accordance with the provisions of relevant clause; and
- b) Qualified in accordance with the provisions of relevant clause.

### **EMPLOYER'S RIGHT TO ACCEPT ANY BID, NEGOTIATE AND TO REJECT ANY OR ALL BIDS**

Notwithstanding, the Employer reserves the right to accept, negotiate or reject any Bid, and to cancel the bidding process and reject all Bids, at any time prior to the award of Contract, without thereby incurring any liability to the affected Bidder or Bidders or any obligation to inform the affected Bidder or Bidders of the grounds for the Employer's action.

### **NOTIFICATION OF AWARD AND SIGNING OF AGREEMENT**

The Bidder, whose Bid has been accepted, will be notified of the award by the Employer prior to expiration of the Bid validity period by written letter. This letter (hereinafter and in the Conditions of Contract called the "Letter of Acceptance") will state the sum that the Employer will pay the Contractor in consideration of the execution and completion of the Works by the Contractor as prescribed by the Contract (hereinafter and in the Contract called "the Contract Price").

The notification of award will constitute the formation of the Contract.

The works should be completed as per period specified in the NIT from expiry of \*7(seven) days from the issue of letter of acceptance issued by employer or within 5 days of Handing over of the site whichever is latest.

The Agreement will incorporate all agreements between the Employer and the successful Bidder, work Programme etc. within 30(thirty) days following the notification of award along with the letter of Acceptance and / or Work Order issued by Employer.

In case of failure to enter in to agreement within specified period or extended period on the written request of the bidder, if any, the department in addition to other penal measures may debar the selected bidder from participating in re-tender.

The contractor shall enter into and execute contract agreement. The cost of the stamp papers for the contract agreement shall be borne by the contractor. Two sets of contract document/agreements shall be prepared and signed by both the parties One of the sets shall be stamped "Original" and the other "Duplicate". The duplicate copy will be supplied to the contractor free of cost and the original is to be retained by the employer agency. For additional copy, cost to be charged.

All additional copies should be certified by the Engineer-in-Charge or Designated Officer of Employer or its representative.

The contractor shall keep copy of these documents on the site/place of work in proper manner so that these are available for inspection at all reasonable times by the Engineer-in-charge, his representatives or any other officials authorized by the employer agency for the purpose.

The contract document shall not be used by the contractor for any purpose other than this contract and the contractor shall ensure that all persons employed for this contract strictly adhere to this and maintain secrecy, as required of such documents.

### **PERFORMANCE SECURITY/ SECURITY DEPOSIT**

All running on account bills shall be paid at 95% of work value. The 5% deduction will be the security deposit. It will not carry any interest.

5% of the security deposit will be released three months after completion of the work, after the issue of defect liability certificate (Taking over certificate with a list of Defects) by the Engineer in charge or designated officer of Implementing Agency.

### **Acceptance of Offer:**

“Letter of Acceptance”- is an acceptance of offer by the employer. The tenderer should acknowledge the receipt of the order within 7 days of mailing/receiving of LOA and any delay in acknowledging the receipt will be treated as a breach of contract and compensation for the loss caused by such breach will be declared by the company by forfeiting EMD.

### **Time for Completion of Contract, Extension thereof, Defaults and Compensation for Delay**

Time is the essence of the contract and as such all works shall be completed within the time stipulated in the contract/ work order. The work shall, throughout the stipulated period of contract, be carried out with all due diligence on the part of the contractor.

Immediately after the contract is concluded i.e. LOA / Work Order is issued, the Engineer-in-Charge or Designated Officer and the contractor shall agree upon a detailed time and progress chart prepared based on BAR CHART/ PERT CPM techniques on the basis of a construction schedule submitted by the contractor at the time of executing contract showing the order in which the work is proposed to be carried out within the time specified in the LOA /workorder.

For the purpose of this detailed time and progress chart, the work shall be deemed to have commenced on the expiry of 7\* (seven) days from the issue of Letter of Acceptance of Tender or 5(five) days after handing over the site of work or the period of mobilization allowed in the work order for starting the work in special circumstances, whichever is later.

If the contractor, without reasonable cause or valid reasons, commits default in commencing the work within the aforesaid time limit, the employer agency shall, without prejudice to any other right or remedy, be at liberty, by giving 05 days’ notice in writing to the contractor to commence the work, failing which to forfeit the Earnest Money deposited by him and to rescind the Letter of Acceptance of Tender/Work Order and also to debar the contractor to take part in the future re-tender.

The Employer agency may debar such defaulting Contractors from participating in future Tenders for a minimum period of 12(twelve)months.

If the contractor fails to complete the work and clear the site on or before the date of completion or extended date of completion, he shall without prejudice to any other right or remedy available under the law to the employer on account of such breach, pay as compensation (Liquidated Damages):

i) @ 0.5 percent of the contract amount/Revised Contract amount whichever is less, per week of delay.

**OR**

ii) 0.5% of the contract-value of group of items/ revised completion value of group of items whichever is less, per week of delay, 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 employer.

### **Termination, Cancellation, Suspension and Foreclosure of Contract**

The employer shall, in addition to other remedial steps to be taken as provided in the conditions of contract be entitled to cancel the contract in full or in part, and whether the date of completion has or has not elapsed, by notice in writing if the contractor:-

a) makes default in proceeding with the works with due diligence and continues to do so even after a notice in writing from the Engineer-in-Charge or Designated Officer, then on the expiry of the period as specified in the notice

**Or**

b) Commits default/breach in complying with any of the terms and conditions of the contract and does not remedy it or fails to take effective steps for the remedy to the satisfaction of the Engineer-in Charge or Designated Officer, then on the expiry of the period as may be specified in a notice in writing.

**Or**

c) Fails to complete the work or items of work with individual dates of completion, on or before the date/dates of completion or as extended by the company, then on the expiry of the period as may be specified by the Engineer-in-Charge in a notice in writing.

**Or**

d) Transfers, sublets, assign the entire work or any portion thereof without the prior approval in writing from the Engineer-in-Charge or Designated Officer. The Engineer-in-Charge or Designated Officer may by giving a written notice, cancel the whole contract or portion of it in default.

On cancellation of the contract or on termination of the contract, the Secretary, *JEEVAN REKHA PARISHAD ( JRP)* shall have powers:

a. To take possession of the site, any materials, constructional plant, equipment, stores etc. thereon and carry out balance work through any means or through any other agency.

In such an event, the contractor shall be liable for loss/damage suffered by the employer because of action under this clause and to compensate for this loss or damage, the employer shall be entitled to recover higher of the following:

i) Forfeiture of EMD and security deposit at the disposal of the employer.

**Or**

ii) 20% of value of incomplete work. The value of the incomplete work shall be calculated for the items and quantities remaining incomplete (as per provision of agreement)at the agreement rates

including price variation as applicable on the date, when notice in writing for termination of work was issued to the contractor.

The amount to be recovered from the contractor as determined above, shall, without prejudice to any other right or remedy available to the employer as per law or as per agreement, will be recovered from any money due to the contractor on any account or under any other contract and in the event of any shortfall, the contractor shall be liable to pay the same within 30 days. In case of failure to pay the same the amount shall be debt payable.

### **Carrying out Part Work at Risk & Cost of Contractor.**

If the progress of the work or of any portion of the work is unsatisfactory, the Engineer-in-Charge / Officer in charge, after giving the contractor 05 days' notice in writing, without canceling or terminating the contract, shall be entitled to employ another Agency for executing the job or to carry out the work departmentally or contractually through tendering / limited tendering process, either wholly or partly, debiting the contractor with cost involved in engaging another Agency or with the cost of labour and the prices of materials, as the case may be.

### **Additional Responsibilities of the Contractor(s)**

The cost on account of the "Additional Responsibilities of the Contractors" under this clause is deemed to be included in the tendered rates.

i) The *Jeevan Rekha Parishad (JRP)* reserves the rights to let other contractors also work in connection with the Project and the contractor/contractors shall co-operate in the works for the introduction and stores and materials and execution of his/their works.

ii) The contractor/contractors shall keep on the work site during the progress a competent and experienced Resident Engineer for the work and necessary assistants who shall represent the contractor(s). The contractor shall employ, on the site in connection with the execution and maintenance of the work, technical and managerial staff as mentioned below.

The contractor shall intimate the Engineer-in-Charge or Designated Officer in writing the names, qualifications, experience and full postal address of each and every technical personnel employed at site by him. The contractor(s) shall not be allowed to execute the work unless he/they engage the required technical staff as assessed by Engineer-in-charge or Designated Officer as specifically mentioned in the bid. The delay on this account, if any, shall be the contractor's responsibility. Important instructions shall be confirmed to the contractor(s) in writing. If the contractor/contractors in course of the works finds/find any discrepancy between the drawings, forming part of the contract documents and the physical conditions of the locality or any errors or omissions in drawings except those prepared by himself / themselves and not approved by the Engineer-in-Charge. It shall be his/their duty to immediately inform the Engineer-in-Charge in writing and the Engineer-in-Charge shall verify the same. Any work done after such discovery and without intimation as indicated above will be done at the risk of the contractor/contractors.

iii) The contractor / contractors shall employ only competent, skillful and orderly men to do the work. The Engineer-in-Charge shall have the right to ask the contractor/ contractors to remove from the work site any men of the contractor/contractors who in his opinion is undesirable and the contractor/ contractors will have to remove him within 3 (three) hours of such orders. The contractor shall further be responsible for making arrangements at his own cost, or accommodation and social needs of the staff and workers under his employment.

iv) Precautions shall be exercised at all times by the contractor(s) for the protection of persons (including employees) and property. The safety required or recommended by all applicable laws, codes, statutes and regulations shall be observed by the contractor(s). In case of accidents, the contractor(s) shall be responsible for compliance with all the requirements imposed by the Workmen's Compensation Act or any other similar laws in force and the contractor shall indemnify the company against any claim on this account. All scaffoldings, ladders and such other structures which the workmen are likely to use shall be examined by the Engineer-in-Charge or his authorized representative whenever they want and the structure must be strong, durable, and safe and of such design as required by Engineer-in-Charge. In no case any structure condemned by the Engineer-in-Charge or his authorized representatives shall be kept on the work and such structure must be pulled down within three hours of such condemnation and any certificate or instructions, however, shall in no way absolve the contractor/contractors from his/their responsibility, as an employer, as the employer shall in no way be responsible for any claim. The contractor / contractors shall at all times exercise reasonable precautions for the safety of employees in the performance of his/their contract and shall comply with all applicable provisions of the safety laws drawn up by the State Govt. or Central Govt. or Municipalities and other authorities in India. The contractor/contractors shall comply with the provision of the safety hand book as approved and amended from time to time by the Government of India.

v) The contractor / contractors shall familiarize themselves with and be governed by all laws and rules of India and Local statutes and orders and regulations applicable to his/ their work. Such records maintained by the contractor shall be opened for inspection by the Engineer-in-Charge or by the nominated representative of the Principal Employer.

vi) The contractor/ contractors shall provide facilities for the sanitary necessities of all persons employed on the work shall be constructed and maintained in the number, manner and place approved or ordered by the Engineer-in-Charge or Designated Officer. The contractor/ contractors shall vigorously prohibit committing of nuisance at any other place. Cost of all works under this item shall be covered by the contractor/contractor's tendered rates.

vii) The contractor/contractors shall furnish to the Engineer-in-Charge or his authorized representative with work reports from time to time regarding the contractor / contractors organization and the progress made by him / them in the execution of the work as per the contract. Labour required for the contract, which shall include cost of lead, lift, loading, unloading, railway freight, recruiting expenses and any other charges for the completion of the work to entire satisfaction of the company.

viii) The contractor / contractors shall make their own arrangement for carriage of all materials to the work site & its safe maintenance at his/their own cost.

xi) The work shall not be sublet to any other party, unless approved by Engineer-in-Charge or Designated Officer, in writing. Prior permission is required to be taken from the owner for engagement of sub-contractor in part work/ piece rated work.

xii) **Insurance** - The contractor shall take full responsibility to take all precautions to prevent loss or damage to the works or part thereof for any reasons whatsoever (except for reasons which are beyond control of the contractor or act of God, e.g. flood, riots, war, earthquake, etc.) and shall at

his own cost repair and make good the loss/damage to the work so that on completion, the work shall be in good order and condition and in conformity with the requirements of the contract and instructions of the Engineer-in-charge or Designated Officer.

#### **16. Settlement of Disputes.**

It is incumbent upon the contractor to avoid litigation and disputes during the course of execution. However, if such disputes take place between the contractor and the employer, effort shall be made first to settle the disputes at the employer level. The contractor should make request in writing to the Engineer-in-charge or Designated Officer for settlement of such disputes/ claims within 30 (thirty) days of arising of the cause of dispute/ claim failing which no disputes/ claims of the contractor shall be entertained by the employer. Effort shall be made to resolve the dispute in two stages In first stage dispute shall be referred to Secretary of the employer. If difference still persists the dispute shall be referred to Procurement Committee constituted by the employer. The decision of the Committee will be final and binding upon the parties.

#### **Management Meetings.**

Either the Contractor or his representative may require the other to attend a management meeting as & when required by JRP. 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 completion of qualitative work.

#### **SPECIAL CONDITION**

- 1) The Contractor will not claim anything in any shape from the JRP if the work is curtailed or stopped at any stage for want of funds or for any unavoidable circumstances..
- 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 JRP.
- 3) Stages pass method to be adopted. Payment shall be made after verification of stage pass report.
- 4) 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 overdue programme has been submitted.

- 5) No extra expenditure will be allowed on any account pertaining to this work till its completion. Work is to be restricted to funds available.
- 6) 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 overrun.

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 overdue programme has been submitted.

- 7) All pre measurement must be made before casting of R.C.C. Works. All the concrete works must be cast either in the presence of Engineer Consultant / EIC or his representatives.

**UNDERTAKING**

I / We Sri \_\_\_\_\_ S/o \_\_\_\_\_

Village \_\_\_\_\_ P.O. \_\_\_\_\_ P.S \_\_\_\_\_, Dist.

\_\_\_\_\_ do hereby undertake that,

- 1. I / We do hereby certify that all the statements made in the required attachments are true and correct.
- 2. I / We will not claim anything 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.
- 3. The I / We also hereby certifies that neither I / **our** firm M/S \_\_\_\_\_ nor any of its constituent partners have abandoned any 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
- 4. I / We 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.

5. I/We understand and agree that further qualifying information may be requested and agree to furnish any such information at the request of the Department.
6. I/We will complete the building construction and allied activities of the CFC maximum within 4 months of assignment.

Signature of Contractor with Date

Correspondence Address:-

E Mail :-

Contact Tel. No-

## B.O.Q.

**ESTIMATE FOR THE WORK " CONSTRUCTION PROPOSED BUILDING FOR  
DASAPALLA BEE WAX & HONEY CLUSTER , BY JEEVAN REKHA PARISAD , OVER  
PLOT NO-81/579, KHATA NO -26/23, MOUZA- KHALAMADA , DASAPALLA,  
NAYAGARH ODISHA**

SL No	ITEM OF WORK	UNIT	QTY.	RATE	AMOUNT
1	2	3	4	5	6
<b>CIVIL -( PART-A)</b>					



1	Earth work in excavation of foundation trenches in all kinds of soil including dressing of sides and leveling the bed up to the required depth and depositing the excavated materials away from the work site with all initial lead & lift including shoring, shuttering and dewatering with cost of all labour, hire and running charges of working pumps, sundries & T&P etc. required for the work complete as directed by the Engineer- in – charge	cum	232.00	221.76	51448.00
2	Filling in foundation trenches and plinth basement of C.C path with course 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	1 cum	626.00	660.13	413240.00
3	Cement concrete of prop ( 1:4:8) in foundation and basement of concrete path using 40mm black hard 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 15 cm thick including cost, conveyance, royalties and taxes of all materials, cost of all labour, side shuttering , cost of dewatering if necessary etc required for the work complete as directed by the Engineer in charge	1 cum	64.00	5646.14	361353.00

4	R.C.C. work of M 20 having minimum compressive strength (in work test)200kg./cm <sup>2</sup> in 15cm cubes at 28 days after mixing and test conducted in accordance with I.S. 456 and I.S. 516 using 12mm to 20mm size (1/2" to 3/4") crusher broken hard black granite chips of 20mm size (not to exceed 25%) of approved quality & from approved quarry including hoisting, lowering, laying and compacting concrete with vibrator, watering and curing for 28 days, cost of rigid and smooth centering & shuttering and finishing to exposed surface smooth providing, grooves or beads wherever necessary as per direction of the Engineer-in-charge including cost, conveyance, royalties & taxes of all materials and cost of all labour, T&P etc. as required for the work complete in all respects as per direction of Engineer-in-charge but excluding cost of M.S. rod/Tor steel and binding wires and labour charges for bending, binding and tying the grills etc complete as drawing design and direction of Engineer-in-charge.				
a	<b>Column footing &amp; stem</b>	1 cum	22.20	7160.83	158970.00
b	<b>RCC Column</b>				
b-i	Ground Floor	1 cum	7.00	14082.10	98575.00
b-ii	1st Floor & terrace floor	1 cum	6.60	15596.56	102937.00
c	<b>RCC grade / plinth beam</b>	1 cum	13.40	7620.26	102111.00
d	<b>RCC beam</b>				
d-i	Ground Floor	1 cum	8.90	14082.10	125331.00
d-ii	1st Floor & terrace floor	1 cum	5.90	15596.56	92020.00
e	<b>RCC roof slab</b>				
e-i	Ground Floor	1 cum	26.00	12280.13	319283.00
e-ii	1st Floor & terrace floor	1 cum	15.90	13434.18	213603.00
f	<b>RCC lintel</b>				
f-i	Ground Floor	1 cum	3.30	11599.84	38279.00
f-ii	1st Floor & terrace floor	1 cum	3.00	12617.81	37853.00
g	<b>RCC chajja ( 65mm av. Thick)</b>				
g-i	Ground Floor	1 sqm	18.00	1037.46	18674.00
g-ii	1st Floor & terrace floor	1 sqm	6.00	1160.32	6962.00
h)	<b>RCC staircase</b>				
h-i	Ground Floor	1 cum	3.00	13476.62	40430.00
h-ii	1st Floor & terrace floor	1 cum	3.00	14869.90	44610.00

5	Straightening, cutting, bending and binding, welding and jointing (if necessary) coiled/bent up M.S. rods/Tor Steel/ deformed rods etc. including hoisting, placing in position, tying the grills binding with 18 to 20 guage binding wire required for R.C.C. work including cost, conveyance, taxes of all materials, cost of all labour, T&P etc. as required for the work complete (weight of binding wires will not be considered) as directed by Engineer-in-charge. Payment will be made on actual weight of M.S. rods or Tor steel linear measurements of rod for finished item of works).				
a	Ground Floor	1qtl	94.00	7309.23	687068.00
b	1st Floor & terrace floor	1qtl	39.00	7334.21	286034.00
6)	Fly ash brick masonry in cement mortar (1:6) <b>in foundation. &amp; Plinth</b> including cost, conveyance, royalties and taxes of all materials, cost of all labour, side shuttering , cost of dewatering if necessary etc required for the work complete as directed by the Engineer in charge	1 cum	33.00	4775.57	157594.00
7)	Fly ash brick masonry with Fly ash bricks having crushing strength not less than 60 Kg/cm <sup>2</sup> with dimensional tolerance + 2 percent in cement mortar (1:6) <b>in superstructure</b> as per drawing including watering and curing cost, conveyance, royalties and taxes of all materials ,scaffolding and cost all labours, sundries, T&P required for the work complete as per the direction Engineer-in-charge .				
i	Ground Floor	1 cum	54.00	5575.81	301094.00
ii	1st Floor & terrace floor	1 cum	55.00	5859.62	322279.00
8)	Fly ash brick masonry with Fly ash bricks having crushing strength not less than 60 Kg/cm <sup>2</sup> with dimensional tolerance + 2 percent in cement mortar (1:4) <b>in superstructure</b> as per drawing including watering and curing cost, conveyance, royalties and taxes of all materials ,scaffolding and cost all labours, sundries, T&P required for the work complete as per the direction Engineer-in-charge .				
a	Ground Floor	1 cum	14.00	5920.21	82883.00
b	1st Floor & terrace floor	1 cum	9.00	6203.90	55835.00

9)	Supplying, fitting and fixing of tile in flooring over 25mm thick bed of cement mortar 1:1 (1 cement:1sand) jointed with neat cement slurry mixed with pigment to match the shades of the tiles including cleaning and polishing the surface with chemical solutions & wax properly including cost, conveyance, royalty, taxes of all materials, all labours, T&P required for the work complete and as per direction of Engineer-in-charge.				
9a	<b>Vitrified tile</b>				
i	Ground Floor	1 sqm	109.00	1283.07	139855.00
ii	1st Floor & terrace floor	1 sqm	64.00	1293.82	82805.00
9b	<b>CERAMIC Tile</b>				
i	Ground Floor	1 sqm	8.00	1016.18	8129.00
ii	1st Floor & terrace floor	1 sqm	8.00	1026.82	8215.00
10)	25mm av. Thick A S Flooring with CC (1:2:4) with 12mm chips including neat cement punning , cost, conveyance, royalty, taxes of all materials, all labours, T&P required for the work complete and as per direction of Engineer-in-charge.				
i	Ground Floor	1 sqm	127.00	323.90	41136.00
11)	Supplying, fitting and fixing tiles with necessary anchor and locking pins in <b>dados</b> at all heights and all floors of min 200mm x 300mm size and 6mm minimum thickness or of approved size , quality and shade set over 12mm thick cement plaster (1:3) backing and jointed with cement slurry and joints pointed with cement and admixture of pigments to match the shade of the tiles including cutting to required size and shape and fixing at corners, splays and chambers etc. to proper line and plumb and properly pressed and cleaning the surface including curing, cost, conveyance, taxes of all materials and labours, T&P required for the work complete as per direction of Engineer-in-charge including cost of tiles .				
11a	<b>Vitrified tile in dado</b>				
	Ground Floor	1 sqm	34.00	1254.85	42665.00
	1st Floor & terrace floor	1 sqm	25.00	1270.86	31772.00

11b	<b>Glazed tile in dado</b>				
i	Ground Floor	1 sqm	33.00	940.35	31032.00
ii	1st Floor & terrace floor	1 sqm	35.00	956.37	33473.00
12)	<b>12mm CP (1:4) with punning in dado</b>				
i	Ground Floor	1 sqm	39.00	1312.98	51206.00
13	Providing 20mm thick cement plaster up to plinth on masonry wall with cement mortar (1:4) with water proofing chemicals including racking out joints, scraping and cleaning the surface and finishing the plaster surface smooth using wooden floats only to proper plumbs and level as per drawings including cost of all materials, conveyance, loading and unloading, all taxes and royalties, all labour, scaffolding, watering and curing, sundries and T&P etc. complete as per specification and direction of the Engineer-in-charge.	1 sqm	72.00	201.82	14531.00
14	Providing 12mm to 16mm thick cement plaster to the inside surface of brick masonry wall with cement mortar (1:6) including racking out joints, scraping and cleaning the surface and finishing the plaster surface smooth using wooden floats only to proper plumbs and level as per drawings including cost of all materials, conveyance, loading and unloading, all taxes and royalties, all labour, scaffolding, watering and curing, sundries and T&P etc. complete as per specification and direction of the Engineer-in-charge.				
14a	Ground Floor	1 sqm	618.00	209.72	129607.00
14b	1st Floor & Head room with Parapet	1 sqm	550.00	217.22	119473.00
15	Providing 6mm thick plaster in C.M. (1:4) over ceiling, chajja, loft, staircase, column, beams and walls after removing the false if necessary and close deep chipping including rounding of the corners, recess and roughening concrete surface where necessary, watering and curing, finished smooth over R.C.C. surface, including cost, conveyance, royalty, taxes of all materials, cost of all labour, T&P etc. complete as per direction of the Engineer-in-charge.				
15a	Ground Floor	1 sqm	297.00	192.08	57048.00
15b	1st Floor & terrace floor	1 sqm	70.00	196.22	13736.00

16	Wall painting two coats weather coat of approved make & shade manufactured by reputed manufacturer like NEROLAC / ASIAN / BERGER / DULOX or equivalent to make an even finished surface over a coat of primer with water bond cement primer in all heights with all scaffolding and staging charges including cost, conveyance, taxes of all materials, cost of all labours, T & P, sundries etc. as required for the work complete.	1 sqm	711.00	95.03	67568.00
17	Painting two coats plastic emulsion paint to the <b>internal plaster surface</b> , make of approved make & shade to interior wall surface over a coat of primer with water bond cement primer after preparing the surface smooth by applying putty punning with wall putty including finishing the surface smooth by sand papering in all heights including scaffolding charges with cost, conveyance, taxes of all materials, cost of all labours, etc. as required for the work complete in all respect.	1 sqm	730.00	162.40	118552.00
18	Providing fitting and fixing of Dressed seasoned Sal Wood work framed and fixed (wrought and put up) in trusses, purlins, frames of doors, windows, ventilators and beams. including all cost of labour, T&P,hire charges of drilling machine, labour charges etc complete at all floor all height as per approved design & direction of EIC.	1 cum	0.80	61877.54	49502.00
19	Providing fitting and fixing 32mm.pisal wood or local teak wood panel shutters for doors with all labour, iron fittings and wooden hinged cleats etc., fitted and fixed complete in all respect, including all cost of labour, T&P,hire charges of drilling machine, labour charges etc complete at all floor all height as per approved design & direction of EIC .	1 sqm	28.00	5010.88	140305.00
20	Providing fitting and fixing 25mm.pisal wood or local teak wood panel shutters for windows with all labour, iron fittings and wooden hinged cleats etc., fitted and fixed complete in all respect, including all cost of labour, T&P,hire charges of drilling machine, labour charges etc complete at all floor all height as per approved design & direction of EIC .	1 sqm	32.00	3920.00	125440.00

21	Providing fitting and fixing of PVC doors including all cost of labour, fixtures, T&P, hire charges of drilling machine, labour charges etc complete at all floor all height as per approved design & instruction of EIC.	1 sqm	11.00	2240.00	24640.00
22	Supplying, fitting and fixing of M.S. window grill and gate made out of M.S. square bar / M.S. flats / M.S. angles as per approved drawing and design, cutting to required size and welding properly, finished smooth and sand papering, painting one coat with red oxide primer, including cost, conveyance, taxes of all materials, required screws, cost of all labour, T&P etc. as required for the work complete as per direction of the Engineer-in-charge in all floors, at all floor all height	1 kg	1039.00	95.20	98913.00
23	Providing and painting two coats with synthetic enamel paint of approved quality and approved shade confirming to ISI on steel work to give an even shade at all height over a coat of primer of approved quality and shade including sand papering and making the surface smooth with cost, conveyance, loading and unloading, and taxes of all materials, cost of all labour, sundries, T&P, scaffolding etc. required for the work and complete in all respect as directed by Engineer-in-charge. at all floor at all height.	1 sqm	107.00	168.00	17976.00
24	Providing and injecting chemical emulsion for PRE-CONSTRUCTIONAL anti-termite treatment and creating a chemical barrier under and all-round the column pits, wall trenches, basement excavation, top surface of plinth filling, junction of wall and floor, along the external perimeter of building, expansion joints, surrounding of pipes and conduits etc. complete using chlorophyriphos chemical 20% EC or any other chemical specified in IS e 6313 (part-II) of latest edition.(Measurements will be based on plinth area basis and the rate should be quoted) NOTES:A: Work is to be carried out by a specialist firm (approved) with 1 years guarantee under the supervision of main civil contractor. Guarantee is to be furnished by both specialist firm and the main civil contractor.	1 sqm	210.00	44.80	9408.00

25	Providing 25mm thick grading concrete in C.C. (1:2:2) admixed with Sika Plastocrete super confirms to IS 9103 (Integral liquid water proofing cum water reducing admixture @ 100gm/50 kg of cement) over a coat of Sika Latex Power laid in proper slope over terrace roof slab by using two part of sand, one part of cement and two parts of 6mm size black hard crusher broken granite chips with addition of water proofing compound of approved quality to be mixed with specified ratio including watering, curing, cost, conveyance, royalties, taxes of all materials, cost of all labour, T&P etc. complete as required for the finished item of work as directed by the Engineer-in-charge , at all floor at all height.	1 sqm	210.00	476.90	100148.00
26	Supplying, fitting and fixing of Stainless steel of 304 grade in hand railing using 50mm dia of 2mm thick circular pipe with Balustrade of size 32mm x 32mm x 2mm @ 0.90mtr. C/C and stainless square pipe bracing of size 32mm x 32mm x 2mm in 3 rows in stair case as per approved design and specification, buffing, polishing etc with cost, conveyance, taxes of all materials, labour, T&P etc. required for the complete in all respect.	1 sqm	43.00	784.00	33712.00
27	Supplying, fitting and fixing of GCI/AC Sheet roofing over hard wooden frame base as per approved design and specification with cost, conveyance, taxes of all materials, labour, T&P etc. required for the complete in all respect.	1 sqm	32.00	2800.00	89600.00
28	Supplying, fitting and fixing of precast RCC jally as per approved design and specification with cost, conveyance, taxes of all materials, labour, T&P etc. required for the complete in all respect.	1 sqm	14.00	448.00	6272.00
<b>TOTAL CIVIL WORK Rs 5805185.00</b>					



SL No	ITEM OF WORK	UNIT	QTY.	RATE	AMOUNT
1	2	3	4	5	6
WATER SUPPLY & SANITARY INSTALLATION ( PART-B)					
PH-1	Supplying all materials,labours,T&P and providing and fixing to wall or ceiling and floor PVC pipes conforming to ASTM-D-1785/89 (Sch-80) or equivalent and pipe fittings of the following nominal bore with clamps including making good the wall,ceiling and floor all complete as per specification and direction of the Engineer-in-charge.				
a	15 mm dia	Rm	20.00	171.36	3427.00
b	20 mm dia	Rm	15.00	225.68	3385.00
c	25 mm dia	Rm	20.00	262.98	5260.00
d	32 mm dia	Rm	20.00	438.11	8762.00
e	50 mm dia	Rm	50.00	438.14	21907.00
				0.00	0.00
PH-2	Supplying all materials,labours,T&P and <b>cutting holes</b> through existing brickwork including making good the damages in cement mortar (1:4) for taking GI pipes and fittings/PVC pipes and fittings etc all complete as per PH specification and direction of Engineer-in-charge.			0.00	0.00
	250mm thick brick wall	Nos	8.00	229.26	1834.00
PH-3	Supplying all materials,labours,T&P and cutting <b>grooves in pucca floors and walls</b> for taking GI/PVC pipes and making good the damages as per direction of Engineer-in-charge.	Rm	40.00	79.18	3167.00
PH-4	Supplying all materials,labours,T&P and fitting and fixing <b>brass/cp fittings</b> of the following nominal bore with supply of all jointing materials complete as per specification and direction of Engineer-in-charge.			0.00	0.00
a	15mm dia CP bib cock of JAQUAR Make as per Catalogue No 5037 or equivalent.	Nos	6.00	1726.37	10358.00
b	15mm dia CP angle stop cock of JAQUAR Make as per Catalogue No 5053 or equivalent.	Nos	4.00	1646.96	6588.00
c	Providing and fixing 15mm CP concealed stop cock	Nos	4.00	1913.07	7652.00
d	15mm dia CP ejecto spray (JAQUAR make)or equivalent.	Nos	4.00	567.28	2269.00
e	25mm dia brass fullway valve (Shakti make)	Nos	4.00	393.01	1572.00
f	50mm dia brass or gun metal fullway valve (Shakti make or equivalent.)	Nos	3.00	808.53	2426.00

g	15mm Shower	Nos	4.00	808.75	3235.00
h	Stainless steel jali grating with hole of floor / nahani trap	Nos	4.00	83.66	335.00
i	15mm dia CP sink cock of Jaquar make as per Catalogue No 347	Nos	3.00	1271.09	3813.00
j	32mm dia brass ball valve with copper ball	Nos	1.00	521.25	521.00
k	15mm dia CP flange	Nos	10.00	22.40	224.00
l	15mm dia CP extension piece	Nos	20.00	44.80	896.00
m	15mm dia CP sink mixer with swinging casted spout of Jaquar make as per Catalogue No 309B or equivalent.	Nos	4.00	2023.84	8095.00
PH-5	Providing and laying in trench cement concrete ( 1:4:8 ) with 40mm size hard granite metal in the following type of bedding for 75mm to 150 mm pvc pipes of the following internal diameter including curing complete as per specification.	rmt	25.00	268.02	6700.00
PH-6	Providing and installing vitreous <b>china flat back urinal</b> with flushing cistern complete. with cast iron/PVC or MS brackets complete with fittings such as siphonic arrangements nominal size brass/pvc ball valve with polythene float CP brass handle,unions and coupling for connection with inlet, outlet and overflow pipes, CP flush bend,15mm dia pvc inlet connection pipe including cutting holes and making good the same and connecting the flush bend with cistern and closet and connecting the inlet pipe with main supply line etc complete as per specification and direction of Engineer-in-charge	Nos	1.00	5600.00	5600.00
PH-7	Providing and installing vitreous <b>squatting plate urinal</b> with integral automatic flushing cistern complete.. with cast iron/PVC or MS brackets complete with fittings such as siphonic arrangements nominal size brass/pvc ball valve with polythene float CP brass handle,unions and coupling for connection with inlet, outlet and overflow pipes, CP flush bend,15mm dia pvc inlet connection pipe including cutting holes and making good the same and connecting the flush bend with cistern and closet and connecting the inlet pipe with main supply line etc complete as per specification and direction of Engineer-in-charge	Nos	1.00	3806.32	3806.00

PH-8	Providing and installing vitreous china <b>Orissa pattern water closet</b> pan with 100mm SCI P or S trap with 10lit cistern with a pair of cast iron/PVC or MS brackets complete with fittings such as siphonic arrangements nominal size brass/pvc ball valve with polythene float CP brass handle,unions and coupling for connection with inlet, outlet and overflow pipes,32mm dia CP flush bend,15mm dia pvc inlet connection pipe including cutting holes and making good the same and connecting the flush bend with cistern and closet and connecting the inlet pipe with main supply line etc complete as per specification and direction of Engineer-in-charge	Nos	2.00	4162.37	8325.00
PH-9	Providing and installing vitreous china <b>European type water closet</b> with P or S trap with 10 lit cistern with a pair of cast iron/PVC or MS brackets complete with fittings such as siphonic arrangements nominal size brass/pvc ball valve with polythene float CP brass handle,unions and coupling for connection with inlet, outlet and overflow pipes,32mm dia CP flush bend,15mm dia pvc inlet connection pipe including cutting holes and making good the same and connecting the flush bend with cistern and closet and connecting the inlet pipe with main supply line etc complete as per specification and direction of Engineer-in-charge	Nos	2.00	6720.00	13440.00
PH-10	Supplying, fitting & fixing Rotational moulded polyethylene cyndrical vertical / <b>RCC water storage tanks</b> confirming to IS as per drawing including , making holes, connecting required pipes etc. as required to complete the work in all respect , including cost , conveyance, taxes of all material with T&P etc complete as per direction of EIC.	Lt	5.00	2240.00	11200.00
PH-11	Supplying all materials,labour,T&P and fitting and fixing U-PVC SWR soil waste ventilating pipes and fittings of the following outside diameter conforming to ISI 13592/1992 to walls with nails,bobbins and wooden plugs or laying in trenches including jointing with supply of approved rubber lubricant by non-heat application methods as per manufacturers specification,testing, earthwork in excavation and direction of the Engineer-in-charge.			0.00	0.00

a	110mm dia U-PVC SWR pipe(Oriplast make type-A or equivalent )	Rm	30.00	315.06	9452.00
b	110mm dia U-PVC door tee	Nos	4.00	209.33	837.00
c	110mm dia U-PVC door bend	Nos	4.00	180.99	724.00
d	110mm dia heel rest bend	Nos	4.00	164.08	656.00
e	110mm dia U-PVC plain bend	Nos	4.00	118.83	475.00
f	110mm dia U-PVC P trap	Nos	4.00	277.20	1109.00
g	110mm dia U-PVC cowl	Nos	3.00	39.20	118.00
h	125mm dia CP grating	Nos	3.00	40.88	123.00
PH-12	Supplying all materials,labours,T&P and <b>cutting holes</b> through existing brick or laterite masonry work for taking HCI pipes and fittings including making good the damages etc all complete as per PH specification and direction of Engineer-in-charge.				
	225mm to 375mm thick wall	Nos	4.00	112.00	448.00
PH-13	Supplying all material, labour T&P and fixtures for providing and fixing of RCC wash basin of av. size 3 mt X 0.6 mt X 0.45 mt consist of RCC base slab with periferi brick wall including cadpa stone inside cladding with front over flow system with its components like 3 nos 15mm CP angle stop cock, 40mm CP waste, CP Bottle trap or P trap and connection pipe etc, including all requisite fixing materials complete as per the direction of Engineer-in-charge .	Nos	1.00	7840.00	7840.00
PH-14	Supplying all materials,labours,T&P and fixing 600mmx450mm size BE <b>mirror</b> of superior glass mounted on 6mm thick AC sheet or plywood sheet and fixed to wooden plugs with CP screws and washers etc complete as per specification and direction of Engineer-in-charge.	Nos	4.00	448.00	1792.00
PH-15	Supplying all materials, labour, T&P and fixing standard sized <b>glass-shelf</b> with brackets and guard rails complete fixed to wooden plugs with CP screws as per specification and direction of the Engineer in charge	Nos	4.00	448.00	1792.00
PH-16	Supplying all materials, labour, T&P and fixing standard sized <b>CP towel rail</b> complete with CP brass brackets fixed to wooden plugs with CP screws as per specification and direction of the Engineer in charge	Nos	4.00	896.00	3584.00

PH-17	Supplying all materials,labours,T&P and fixing 600mmx20mm <b>long CP brass towel rail</b> of JAQUAR continental accessories having cat no 1111 etc complete with CP brass brackets fixed to wooden plugs with screws as per specification and direction of Engineer-in-charge.	Nos	4.00	308.22	1233.00
PH-18	Supplying all materials, labours, T&P and fixing <b>CP brass soap holder</b> of JAQUAR continental accessories having cat no 1131 etc complete with CP brass brackets fixed to wooden plugs with CP screws as per specification and direction of Engineer-in-charge.				
a	<b>CP soap holder</b> (JAQUAR make cat no 1131) or equivalent.	Nos	4.00	134.85	539.00
b	<b>CP toilet paper holder</b> (JAQUAR make cat no 1151) or equivalent.	Nos	4.00	168.45	674.00
PH-19	Plain cement concrete (1:2:4) in foundation and bottom layers of flooring and the pipe lines and drains using 20mm size black hard crusher broken granite metal of approve quality from approved quarry including mixing lowering laying and compacting to proper thickness, watering and curing for required period, including cost of all materials, labour, conveyance, loading and unloading, taxes, royalties, scaffolding, sundries, tools and plants etc.complete as per direction of Engineer-in-charge	Cum	1.00	3726.24	3726.00
PH-20	Providing 12mm thick cement plaster to the surface of brick masonry wall with cement mortar (1:6) including racking out joints, scraping and cleaning the surface and finishing the plaster surface smooth using wooden floats only to proper plumbs and levels as per drawings including cost of all materials, conveyance, loading and unloading, all taxes and royalties, all labour, scaffolding, watering and curing, sundries and T&P etc. complete as per direction of the Engineer-in-charge	Sqm	10.00	178.81	1788.00

PH-21	<p>Supplying all materials,labours,T&amp;P and constructing <b>gully trap chamber of 250mmx250mm</b> inside size with 8cm thick RCC precast cover slab in cement concrete (1:2:4) mix using 12mm size hg chips,foundation concrete (1:4:8) using 40mm size hard granite metal on bed and around trap, brickwork in cement mortar (1:6) in F&amp;P and inside 12mm thick cement plaster in cement mortar (1:3) finished with a floating coat of neat cement including fixing 100mmx100mm size HCI gully trap,150mm x150mm size CI grating etc all complete as per approved drawing ,specification and direction of Engineer-in-charge.</p>	Nos	2.00	1560.05	3120.00
PH-22	<p>Supplying all materials,labours,T&amp;P and constructing <b>inspection chamber of 760mmx760mmx460mm</b> inside size with cement concrete (1:3:6) mix using 40mm size hg metal on bed,1st class KB brickwork in cement mortar (1:6),moulding and shaping the channel inside and benching with cement concrete (1:2:4) using 12mm size hg chips,12mm thick cement plaster in cement mortar (1:3) with punning to inside,cement flush pointing (1:3) to outside,RCC cover slab in (1:2:4)using 12mm size hg chips with RCC man hole cover, earthwork in excavation in all kinds of soil and refilling the cavity around the chamber including watering curing conveyance of all materials to worksite ,payment of royalty,all taxes etc all complete as per approved specification and direction of Engineer-in-charge.</p>	Nos	2.00	9350.66	18701.00

PH-23	Supplying all materials,labours,T&P and constructing Soak Pit of 1.2 mtr dia and 2.0 mtr depth with precast RCC rings joined loose,gravel backing in the rear of well steining,precast RCC cover slab in cement concrete (1:2:4) using 12mm size hg chips fitted with iron lifting handles including cutting hole in the rings for inlet pipe,earthwork in open well excavation in all kinds of soil and refilling of cavity around the pit & painting the iron works, watering, curing,conveyance of all materials to worksite, payment of royalty, taxes etc all complete as per approved specification and direction of Engineer-in-charge.	Nos	1.00	7840.00	7840.00
PH-24	Supplying all materials,labours,T&P and constructing <b>Septic Tank of outer size (10'0" X 5'0" X 8'0" ) WITH RCC cover slab</b> in cement concrete (M-20) using 12mm size hg chips fitted with iron lifting handles including cutting hole in the rings for inlet pipe,earthwork in open well excavation in all kinds of soil and refilling of cavity around the pit & painting the iron works, watering, curing,conveyance of all materials to worksite, payment of royalty, taxes etc all complete as per approved specification and direction of Engineer-in-charge.	Nos	1.00	75853.12	75853.00
PH-25	Supplying all materials,labours,T&P and laying in trenches (to level or slope) <b>110mm dia unplasticized PVC pipes</b> conforming to IS 4985/2000 of the following outside dia for class-3 (0.60mpa) including jointing with supply of approved solvent cement by non-heat application method/as per manufacturers specification, providing and laying in trench cement concrete (1:4:8) with 40mm size hard granite metal in the type C-1 standard bedding surrounding or encasing including concrete for bedding and curing etc all complete as per PH specification and direction of Engineer-in-charge.	Rm	20.00	530.66	10613.00
PH-26	Supplying all materials,labour,T&P and making MS step iron in 20mm diameter MS steel bars and fixing into walls of manhole /septic tank duly embedded in cement concrete (1:3:6) complete as per specification and direction of Engineer-in-charge.	Nos	4.00	179.98	720.00

PH-27	Providing 150mm dia 60mt borewell with PVC pipe etc. complete including 1HP submersible pump with Control panel etc. as required for complete the work in all respect as per direction of EIC..	Nos	1.00	168000.00	168000.00
<b>TOTAL WATER SUPPLY &amp; SANITARY INSTALLATION WORK</b>				<b>Rs</b>	<b>466554.00</b>

SL. NO.	DESCRIPTION OF ITEM	UNIT	QTY.	RATE	AMOUNT
<b>INTERNAL ELECRITICAL WORKS ( PART-C)</b>					
EI-1	Recessed Wiring to light/Fan/Exhaust Fan point in 5/8" or 3/4"dia. Good quality PVC pipe with 1.5 sq.mm PVC insulated Cu.wire (2 run) & 1.0 sq.mm PVC insulated Cu.wire (1 run) for running earth complete with 1 no .6Amp.1way plate type Modular switch, (Polycarbonate) and G.I box of adequate size including PVC bend, saddle, elbow, etc and other necessary materials & labour complete as per the direction of Engineer-in-Charge. ( Make of wire Finolex/ L&T / Anchor / Havels / V Guard/RR or equivalent. )				
A	Group -A	point	10.00	630.67	6307.00
B	Group -B	point	30.00	876.74	26302.00
C	Group -C	point	36.00	1184.96	42659.00
EI-2	Recessed Wiring to Call bell point in 3/4"dia. Good quality PVC pipe with 1.5 sq.mm PVC insulated Cu.wire (2 run) & 1.0 sq.mm PVC insulated Cu.wire (1 run) for running earth complete with 1 no .bell push Modular type switch, (Polycarbonate) and G.I box of adequate size including PVC bend, saddle, elbow, etc and other necessary materials & labour complete as per the direction of Engineer-in-Charge. ( Make of wire Finolex/ L&T / Anchor / Havels / V Guard/RR )	point	2.00	890.29	1781.00
EI-3	Supply & fixing of Modular type call bell Buzer and G.I box of adequate size including PVC bend, saddle, elbow, etc and other necessary materials & labour complete as per the direction of Engineer-in-Charge. ( Make of wire Finolex/ L&T / Anchor / Havels / V Guard/RR or equivalent. )	point	2.00	392.00	784.00



EI-4	Supply and fixing of 6A modular switch & socket outlet complete with 1 no of 240 volt 6 amp 5 pin universal round/flat pin combined shuttered socket outlet & 1 no. of 240 volt 6 amp control switch mounted on modular grid plate, all housed in a 3 module recessed zinc chromate passivated flush metal box including mosaic white cover plate of approved make with all other accessories etc. as required complete as per the direction of Engineer-in-Charge. ( Make of Switch & Socket - L&T / Anchor roma / Havels / Legrand or equivalent. )	No.	1.00	529.31	529.00
EI-5	Supply and fixing of 6A modular switch & socket outlet complete with 2 no of 240 volt 6 amp 5 pin universal round/flat pin combined shuttered socket outlet & 2 no. of 240 volt 6 amp control switch mounted on modular grid plate, all housed in a 3 module recessed zinc chromate passivated flush metal box including mosaic white cover plate of approved make with all other accessories etc. as required complete as per the direction of Engineer-in-Charge. ( Make of Switch & Socket - L&T / Anchor roma / Havells / Legrand or equivalent. )	No.	1.00	784.95	785.00
EI-6	Point wiring for 5 / 6 amp socket outlet with 2 x 1.5 sq.mm FR PVC insulated single core multistrand copperconductor of ISI marked in recess 20 mm dia non-metallic PVC flexible conduit with modular type switch ,phenolic laminated sheet suitable size ISI marked MS box and earthing point with 1 x 1.5 sq.mm FR PVCinsulated single core multistrand copper conductor for loop earthing etc. as required. ( Make of wire Finolex /L&T / Anchor / Havels / V Guard/RR or equivalent )	No.	2.00	691.60	1383.00
EI-7	Supply and fixing of 16A modular switch & socket outlet complete with 1 no of 240 volt 16 amp 5 pin universal round/flat pin combined shuttered socket outlet & 240 volt 16 amp control switch mounted on modular grid plate, all housed in a 3 module recessed zinc chromate passivated flush metal box including mosaic white cover plate of approved make with all other accessories etc. as required. as per the direction of Engineer-in-Charge.( Make of Switch & Socket - L&T / Anchor roma / Havels / Legrand or equivalent.)	No.	1.00	682.64	683.00

EI-8	Supply and fixing of capacitor switching circuit,works at 120 to 280 volts,Heavy duty, Noiseless 100W step type Fan regulator complete with all other necessary materials & labour.( Make of Switch & Socket - L&T / Anchor roma / Havels / Legrand or equivalent. )	No.	15.00	566.38	8496.00
EI-9	Supplying and fixing of metal box of 32A D.P modular switch on surface or in recess with 2 Madular metal box with cover in front including providing and fixing , connection etc as required as per the direction of Engineer-in-Charge.	No.	1.00	627.37	627.00
EI-10	Supplying and fixing of metal box of 20A modular socket on surface or in recess with 2 Madular metal box with cover in front including providing and fixing , connection etc as required as per the direction of Engineer-in-Charge.	Nos	1.00	476.90	477.00
EI-11	Supply and fixing of TV antenna Socket outlet completely providing 1 no. of TV antenna socket & Top , moulded case metal box & plate of adequate size including PVC bend, saddle, elbow, etc. & other necessary materials & labour complete as per the direction of Engineer-in-Charge. complete , Make of Switch & Socket - L&T / Anchor roma / Havels / Legrand or equivalent.)	point	1.00	376.10	376.00
EI-12	Supply and fixing of Telephone point completely providing 1 no.of telephone socket & Top, Metal plate made of polycarbonate moulded case metal box with metal plate of adequate size including PVC bend, saddle, elbow etc and other necessary materials & labour complete as per the direction of Engineer-in-Charge.( Make of Switch & Socket - L&T / Anchor roma / Havels / Legrand or equivalent.)	Point	1.00	376.10	376.00

EI-13	Circuit or Sub-main wiring in 20/25/32mm dia. good quality ISI mark PVC Conduit with following sizes PVC insulated un-sheathed Single Core FRLS Cu. conductor wire of approved make with all other required materials & labour complete as per the direction of Engineer-in-Charge. ( Make of wire Finolex/ L&T / Anchor / Havels / V Guard/RR or equivalent. )				
a	(2 x 1.5 + 1 x 1.0) sq.mm copper wire	mtr	15.00	133.28	1999.00
b	(2 x 2.5 + 1 x 1.5) sq.mm copper wire	mtr	100.00	148.40	14840.00
c	(2 x 4 + 1 x 2.5) sq.mm copper wire	mtr	20.00	174.72	3494.00
d	(2 x 6 + 1 x 2.5) sq.mm copper wire	mtr	5.00	200.20	1001.00
e	(2 x 10+1x4.0 ) sq.mm copper wire	mtr	80.00	416.86	33349.00
f	(4 x 10+1x4.0 ) sq.mm copper wire	mtr	5.00	416.86	2084.00
g	0.5mm 2 pair telephone wire	mtr	20.00	105.22	2104.00
h	RJ-6 Coaxial TV wire	mtr	20.00	104.72	2094.00
EI-14	Earthing with copper earth plate 600 mm x 600mm x 3.15 mm thick ISI marked including accessories and providing masonry with cover plate having locking arrangement and watering pipe with charcole / coke and salt etc. as required as per the direction of Engineer-in-Charge.	No.	2.00	6214.82	12430.00
EI-15	Supplying and laying 25 mm x 6 mm G.I earth strip ISI marked at 0.5 meter below grond level as strip earth electrode including soldering etc. as required as per the direction of Engineer-in-Charge.	mtr.	10.00	81.76	818.00
EI-16	Supply & fixing of 3 ph. 4 way, triple pole and Neutral, sheet steel MCB double door distribution box complete with tinned copper busbar, neutral link, earth bar, din rail, detachable gland plate including commissioning including all other materials etc. as required.( Make L&T / Anchor / Havels /Standard/ Legrand or equivalent.)	No.	2.00	2431.52	4863.00
EI-17	Supply and fixing of 5 amp to 32 amp rating 240 V "B" series single pole miniature circuit breaker suitable for lighting and other loads in the existing MCB DB ISI marked complete with connections testing and commissioning etc. as required.( Make L&T / Anchor / Havels /Standard/ Legrand or equivalent.)	No.	17.00	147.84	2513.00

EI-18	Supply and fixing of 63 amp TNP miniature circuit breaker suitable for inductive loads in the existing MCB DB ISI marked complete with connections testing and commissioning etc. as required.( Make L&T / Anchor / Havels /Standard/ Legrand or equivalent.)	No.	3.00	2808.79	8426.00
EI-19	Providing and fixing of 100A TP& N MCCB with handle switch unit inside existing cubical panel board with ISI marked HRC fuses including drilling holes in cubical panel, makinfg connection etc as required.	NOS	1.00	6648.32	6648.00
EI-20	Providing and fixing of 63A TPN change over including drilling holes in cubical panel, makinfg connection etc as required ( Make L&T / Anchor / Havels /Standard/ Legrand or equivalent.)	NOS	1.00	5792.64	5793.00
EI-21	Supplying, fitting & fixing of main pannel board 2mm thick C.R. sheet individual box GI angle frame febricated welded hinges, powder coated body & danger board 150A TPN copper bus bar-1 Set,63A TPN copper bus bar-1 Set, indicator lamp, struggle switch & fuses -3 Nos. Digital voltage current meter -1 No., 100/5A CT coil-3 Nos. & wire for wiring Transportation, labour charges for wiring.	Set	1.00	17360.00	17360.00
EI-22	Supplying, storing, laying, testing and commissioning of 3.5c x 25 Sq. mm A2XFY Al armoured Cable 1100 Volts etc. as required as per the direction of Engineer-in-Charge. ( Make of Cable - Finolex/ L&T / Anchor / Havels / V Guard/RR/KEI or equivalent.)	RM	40.00	378.78	15151.00

**TOTAL INTERNAL ELECRITICAL WORKS Rs 226532.00**

### FINAL ABSTRACT

ESTIMATE FOR THE WORK " CONSTRUCTION PROPOSED BUILDING FOR DASAPALLA BEE WAX & HONEY CLUSTER , BY JEEVAN REKHA PARISAD , OVER PLOT NO-81/579, KHATA NO -26/23, MOUZA- KHALAMADA , DASAPALLA, NAYAGARH ODISHA

SL No	ITEM OF WORK	AMOUNT
1	2	3

1	Construction of Civil works	Rs	5805185.00
2	Internal Water supply & sanitary Installation Works	Rs	466554.00
3	Internal Electrical wiring	Rs	226532.00

**TOTAL = Rs 6498271.00**

**Or Say Rs 6500000.00**

**(Rupees Sixty five Lakhs Only)**

### TENDER OFFER

I/We quote \_\_\_\_\_ % (In words: \_\_\_\_\_ percent) above\* / below\* / at par\* with the estimated amount as above.

**Signature of Contractor / Agency**  
**Correspondence Address**

**Contact No-**

**E mail Address -**

**GST No :-**

**Correspondence postal Address :-**

No of Correction:-

No Of overwriting:-

<b>TENDER CHECK LIST</b>
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1. Name of Contractor :-
2. Contract License :- Not Furnished /  
Copy Furnished \_\_\_\_\_ Class Valid up to Dt \_\_\_/\_\_\_/\_\_\_
3. Pan Card :- Not Furnished / Copy Furnished
4. GST Regd. Certificate :- Not Furnished / Copy Furnished.
5. Cost of Tender Paper :- Not Furnished/ Furnished D/D (Nonrefundable)  
Vide No \_\_\_\_\_ Dt \_\_\_ / \_\_\_ / \_\_\_  
For Rs 10,000.00 (Rupees ten thousands) only
6. EMD :- Not Furnished/ Exempted as per Govt. Rule (Copy enclosed) / Furnished EMD  
in shape of \_\_\_\_\_  
Vide No \_\_\_\_\_ Dt \_\_\_\_\_ for Rs \_\_\_\_\_  
(Rupees \_\_\_\_\_)
7. Experience Certificate:- Not Furnished / Copy Furnished
8. (i) Total No of Correction.....  
(ii) Total No of Over writing.....  
(iii) Total No of Interpolation.....
8. Total No Sheets enclosed \_\_\_\_\_ (excluding EMD& D/D towards cost of Tender Paper)

*Signature of Contractor*

*Signature of Tender opening Officer*