Sr No …………

Date ………….

Tender Document

For the

Construction of

**Construction of Rain Basera at Chuna Bhatta, Bus Station near Raipur Road, Dehradun**

Cost of the Tender Document Rs. 2270.00

Cost of the work Rs. 38.29 Lacs



**(A  City)**

Nagar Nigam, Dehradun

(1)

PARTICULARS OF THE TENDERS

1.Particular of the Work Construction of Rain Basera at Chuna Bhatta, Bus Station near Raipur Road, Dehradun

2. Period of construction 6 months

3. Cost of Tender Form Rs. 2270.00

4. Earnest Money Rs 0.75 lac

FDR/ CDR/ NSC/ BG (BANK GUARANTEE) WILL BE PLEDGED IN THE NAME OF A.O, NAGAR NIGAM, DEHRA DUN

5. Date& time for getting tender document

Till 20-01-15 (1 PM)

6. Date & time of Submission of tender

21-01-15 (2.00 PM)

7. Date of Opening of Technical Bid

21-05-15(4.00 PM)

8. Date of Opening of Financial Bid

To be informed later

9. Place of Opening of Tender Executive Engineer,

Nagar Nigam, Dehradun.

10. Period of Validity of Tender 3 months

11. Name and Address of the firm to whom

tender document is issued …………………………………………

…………………………………………

Executive Engineer

Nagar Nigam, Dehra dun.

(2)

PRE QUALIFICATION, TECHNICAL BID AND FINANCIAL BID REQUIRMENTS

Construction of Rain Basera at Chuna Bhatta, Bus Station near Raipur Road, Dehradun

The tenderer/bidder should give a detailed technical proposal and financial proposal for the above detailed work complete in all respect. The financial/commercial bid shall be opened only after approval of technical bid from the Nagar Nigam Dehradun.

All the bids shall be examined and evaluated first technically and as per the past experience of similar nature work, financial capability and others relevant factors related to similar type of project i.e. construction of retaining wall, RCC, drains, buildings, etc. Details to be provided with the technical bid:-

Tenders/RFP are invited from the reputed, capable, efficient and experience firms/ organization/ PSU’s/ contractors registered in Central/State Govt departments/ undertakings to construct the above work in a limited time of two months with one year of maintenance.

**Pre requisite/ Pre qualification for the tender**

1. Earnest Money of Rs. 0.75 lac in the form of NSC/ FDR/ Bank Guarantee for 12 months extendable as and when required in the name of A.O, Nagar Nigam, Dehradun.

2. If form is down loaded from the web site, cost of tender form of Rs. 2270.00 in the form of bank draft in the name of A.O, Nagar Nigam, Dehradun should be deposited with the tender form/bid.

3. Income tax registration with PAN card copy.

4. Sales/trade tax registration number

5. Labour department registration or any other statutory registration required.

6. Affidavit with the detail that the firm/ bidder have not been black listed from any government, semi government, organization due to default.

**TECHNICAL BID**

(Details to be provided with the technical bid)

Only those who qualify in the technical bid shall be considered for the financial bid.

1. Construction and development of work in numbers of retaining wall, drains, building work, etc complete in all respect of costing Rs. 30.00 lacs or more in government/ semi government/ private.

In support of above work order/ completion certificate should be attached issued by competent authority of the department.

1. Total cost of the project/ projects of similar nature(In support work order copies must be attached)
2. Total average turnover for 2009- 2010, 2010-11, 2011-12, 2012-13, 2013-14 should be more than Rs. 50.00 Lac, in support balance sheet issued by a CA should be attached out of which atleast Rs. 20.00 lacs in last year from government sector.

4. Details of the staff engaged with the firm, it will be an added advantage to the firm having staff graduate or diploma in engineering, in civil engineering branch or relevant qualification.

5- Bidder must have required tools and plants for speedy construction of work i.e. within two months, this can be verified by the engineering staff of NND

7. Firms/ organization having registration in PWD/ CPWD/ MES/ ULB/ State or Central govt dept/ undertaking. Copy of the certificate must be attached

-

8. Registration of Income Tax, Sales/ Trade Tax, Service Tax, in support document should be attached.

ENVELOPS TO BE USED FOR “PRE QUALIFICATION”, “TECHNICAL-BID” AND “FINANCIAL/ COMMERCIAL-BID” AND MODE OF SUBMISSION

Separate three sealed envelopes should be used one for ***“Pre qualification” Envelop-A***, one for ***“Technical Bid” Envelop-B*** and one for ***“Financial/ Commercial Bid”, Envelop-C***, and all the three envelopes A, B and C are to be kept in a bigger enveloped, which is to be sealed at the time of submission. Open envelopes are liable to be canceled. Envelops must be addressed to Executive Engineer, Nagar Nigam, Dehradun.

Tender can be submitted to the Nagar Nigam , Dehradun or Public Works Department office before the stipulated date and time. Tender can be submitted by Registered Post or Speed Post or Courier Services or by hand to the Tender box/ PublicWorks Department, Nagar Nigam, Dehradun before the stipulated date and time. After the stipulated date and time 21-01-15 upto 2PM ,the tender will not be considered. Delay due to postal services will be the liability of the bidder/ tenderer.

Only the rates or “Financial Bid” of such supplier/ bidder shall be opened or considered, those who will qualify in the “Technical Bid”.

**TIME FRAME FOR**

**Construction of Rain Basera at Chuna Bhatta, Bus Station near Raipur Road, Dehradun**

1. After getting the intimation from Nagar Nigam to the lowest bidder, required stamp paper and other formalities for signing contract are to be completed in all respect within two days.
2. The total time given for the contract work which includes all the activities related to tendered work should be completed. In ordinary condition it is not extendable, but due to some unforeseen reasons and natural calamity the extension may be granted after receiving a request letter. The above period includes the rainy and all seasons.
3. After completion of work, the officers/ engineers of the Nagar Nigam/ or the prescribed committee will check all the constructed installed and fixed items executed by you and after that completion certificate may be issued.
4. For time over run, per day penalty may be imposed, which may be Rs. 500.00 per day after expiry of stipulated time for execution of work. Time over run may be exempted for the genuine reason, which are to be forwarded by engineers/ or prescribed authorized committee and that may/ may not be considered/ accepted by Mukhya Nagar Adhikari, Nagar Nigam, Dehradun.

PAYMENT SCHEDULE

1. After receiving the required material for the tendered work, 80% payment may be released of the total material cost, after inspection recommendation of the technical report of the engineers/ committee prescribed for that work or as per The Procurement Policy 2008 provisions).
2. After proper completion of particular work a detailed bill shall be submitted by the bidder, accordingly payment shall be released after adjusting the amount paid in above para 1.
3. Details given in Schedule B are as per the requirement, but the payment shall be made as per the actual work done/ executed.
4. 90% payment shall be released after completion of work and 10% shall be released after one years of completion of guarantee period, after deducting the penalty due to delay in execution of work, fault in work if any, duly intimated time to time by both the parties.
5. If bank guaranty/ FDR/ CDR/ NSC pledged in the name of Up Nagar Adhikari, Nagar Nigam , Dehradun of 10% of the amount, as described in above para 4, is submitted in the office, the above 10% may be released after getting the proper report from the engineers/ EnC/ committee meant for this purpose.
6. Total number of running bill should not be more than three in number i.e. one bill amount shall not be less than the 35% of the tendered amount.

## **Time frame for the maintenance FOR FIRST YEARS**

1. There must be a comprehensive maintenance warranty of 12 months from the date of completion of work/ handing over to Nagar Nigam, Dehradun.
2. For the first year during the warranty period, after written report from Nagar Nigam about manufacturing defect to your authorized person, for every day delay in correcting it will cost Rs. 200.00 per day. Under the definition of warranty the manufacturing defect/faults liability shall be there with all the items in the executed work. Including all parts of construction.
3. During the first year all machines, materials and labours are to be arranged by the tenderer.
4. Due to some accident if there is some damage to the structure made, the repair work shall be executed by the tender immediately. Payment shall be made as per the rate decided by the Uttarakhand Procurement Policy 2008.

OTHER CONDITIONS

1. Nagar Nigam, Dehradun has a right to reduce or increase the requirement of the above work, numbers of items and even can cancel the tender at any time without assigning and reason.
2. Nagar Nigam, Dehradun has a right to change, substitute, and delete any item, their specification, and quantity in the interest of the development works.
3. The proposed construction shall be as per the detailed given by Nagar Nigam, Dehradun and if any details are further required then Uttaranchal PWD/ CPWD/ relevant codes/ DSR will be referred.
4. If required then regular test or required tests are to be performed, from PWD Labs, Dehradund/ Regional I I T Roorkee/ any Govt Approved Lab.
5. Before execution of work the tenderer should examine the approach road and location of the site and the difficulties which are to be encountered during the construction. For material supply if any no entry permission is to to be sought from district administration, Nagar Nigam administration shall write a letter for the same.
6. During the execution the bidder shall be responsible for safety and insurance of their staff, contracted workers, daily wages if engaged. Any labour law, insurance, safety related laws, all applicable law of land are to be followed by the bidder. For any violation the bidder shall be held responsible in all respect.
7. The decision of Mukhya Nagar Adhikari, Nagar Nigam, Dehradun shall be final and binding on all. For any type of dispute the arbitrator shall be Mayor, Nagar Nigam, Dehradun.
8. An affidavit should be submitted with the tender, related to authorized signatary/ lead member, for single window interface between Nagar Nigam and bidder.

From : ………..………

………………..

………………..

………………..

To,

Executive Engineer,

Nagar Nigam, Dehradun

SUB:- **Construction of Rain Basera at Chuna Bhatta, Bus Station near Raipur Road,Dehradun**

Sir,

We hereby submit our offer for the above mentioned tender, we have examined the nature, details and specifications of all and have carefully noted and instructions and conditions mentioned in the tender document. The complete tender document is being submitted in original issued by Nagar Nigam, Dehradun to us/ down loaded from web site. Tender document are enclosed in sealed envelopes “A”, “B” and “C”, as instructed in the tender document.

Place:-

Date:- ( Signature of the tenderer)

Name:- …………………

Address:- ………………. ………………………….

………………………….

City:-……………………

Cell No:-………………...

e-mail:- …………………

INSTRUCTIONS TO THE TENDERER AND TERMS AND CONDITIONS

(A)- EARNEST MONEY AND VALIDITY OF TENDER

1. Each tender shall be accompanied by the requisite Earnest money (Rs 0.75 Lacs) in the form of FDR or NSC/BG in favour of A.O., Nagar Nigam, Dehradun.

2. Without requisite earnest money tender is liable to be disqualified.

3. Earnest money shall be retained up to expiry of the contract period.

(B)- CASTING AND OPENING OF TENDER

1. The tender should be neatly written, preferably typed. Every page of the tender document should be signed with seal. The rated must be quoted in words also.
2. Nagar Nigam, Dehradun reserves the right to reject any or all the tenders or accept any tender, after analyzing pre qualification, technical bid and financial bid, in total or in parts of work may be decided among various tenderer, without assigning and reason. Nagar Nigam has a right to change the date of opening of technical and/or financial bid at any time.
3. All information must be in English and figures must in MKS system.

The tender must give

The Name,

Detailed address of office with pin code

Phone numbers land and Mobile Numbers

E- mail, Web-site

1. The representative should bring the authorization letter from the tenderer having representative’s attested signature (This details is compulsory to ensure the maintenance within the stipulated time)
2. The detailes of the Lead member/ head of the institution responsible for execution.
3. Any approach/ undue pressure by any firm shall render the tender liable to be rejected.
4. Any tender if deviates from terms and conditions and technical specifications specified in the tender document shall be liable to be rejected.
5. On acceptance of the tender, the tenderer will be required to execute an agreement which will be treated as contract for the tendered work on non judicial stamp paper of required value, as per GO’s provisions.
6. For above a non judicial stamp paper of Rs. 100.00 should be attached with the tender document.
7. If tenderer fails to sign the agreement within the stipulated specified period of 3 days from date of confirmation of the lowest bidder, its Earnest Money shall be forfeited by the Nagar Nigam, Dehradun.
8. The tendering firm/ company should be registered under the relevant statues by the relevant competent authority. The firm must attach attested copies of the Registration Certificate and partnership deed/ Memorandum of Association as the case may be.
9. The tender price will be inclusive of all taxes and duties, i.e. central, state and local taxes and should be quoted in schedule B format.
10. Specifications are given in Schedule B.
11. Conditional tender will not be accepted and shall be summarily rejected.

FINANCIAL STATUS

1. Solvency Certificate/ bank guarantee duly signed and stamped by the scheduled bank/ registered bank authorized by GoI/RBI.
2. Income tax returns certificates of last 3 years.
3. Liquid fund availability along with certificate signed by C.A., Balance sheet for last one year.

CREDEBILITY

The bidder must give an affidavit that he has not been or is not black listed from any Government or Semi Government Department. If at any stage it is found that the credentials given by the bidder are not correct or manipulative or false, it may lead to disqualification and black listing.

The MNA, Nagar Nigam, Dehradun/ Executive Engineer, NND may ask to the tenderer/ tenderers to show the samples of items proposed to be used for the execution of the work.

**Schedule-B**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **SI** | **Description of item of work** | **Qty** | **unit** | **rate** | **amount** |
| 1 | Site clearance | 1 | job | L.S. | 10,000.00 |
| 2 | Earth work in rough excavation in all Kinds of soil asperSOR Chapter no. 1-2-2-1. | 419.72 | cum | 266.10 | 111,687.49 |
| 3 | Providing and laying in position cement concrete of 1:4:8 (1 Cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size).as per SOR Chapter no.1-4-1-8. | 31.48 | cum | 3883.60 | 122,251.84 |
| 4 | Centering shuttering including struttings, propping etc. and removal of form work for Foundations, footings, bases for columns.as per SOR Chapter no. 1-4-3-1. | 209.87 | Sqm | 177.10 | 37167.98 |
| 5 | Providing and laying in position 1:1.5:3 of reinforced cement concrete excluding the cost of centring, shuttering, finishing and reinforcement - All work upto plinth level as per SOR Chapter no. 1-5-1-2. in raft | 63.10 | cum | 6185.80 | 390,342.54 |
| 6 | Earth and boulder filling in plinth including watering , dressing, ramming and carriage from a distance not exceeding 60 Mtr. From the site of work including supply of all material labour T&P etc. required for proper completion of work as per direction of Engineer in charge. | 241.65 | cum | 475.00 | 114,781.53 |
| 7 | Reinforced cement concrete work in Column, beams, suspended floors, roofs having slope up to 15 degree landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases up to floor five level excluding the cost of centering, shuttering, finishing and reinforcement with 1:1.5:3 as per SOR Chapter no.1-5-2-2. | 9.07 | cum | 6800.60 | 61,695.04 |
| 8 | Reinforced cement concrete work in Column, beams, suspended floors, roofs having slope up to 15 degree landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases up to floor five level excluding the cost of centering, shuttering, finishing and reinforcement with 1:1.5:3 as per SOR Chapter no.1-5-3. | **14.91** | cum | 6161.20 | 91,859.80 |
| 9 | Brick work with F.P.S. bricks of class designation 75 in superstructure above plinth Cement mortar 1:6 as per SOR Chapter no.1-6-4-2. | **43.71** | cum | 5444.80 | 237,992.86 |
| 10 | Same as item no 7 but for half brick thick wall in 1:4 cement, sand mortar including supply of all material, labour and T&P etc. required for proper completion of work.as per s.o.r.no-1-4-1. | **8.96** | cum | 5711.70 | 51,158.55 |
| 11 | Reinforced cement concrete work in Column, beams, suspended floors, roofs having slope up to 15 degree landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases up to floor five level excluding the cost of centering, shuttering, finishing and reinforcement with 1:1.5:3 as per SOR Chapter no.1-5-3. | 25.70 | cum | 6161.20 | 158,337.91 |
| 12 | R.C.C. 1:1½:3 in sunsade and cupbord with cement coarse sand and 20 mm gauge stone grit excluding supply of reinforcement and its bending and centering and shuttering including supply of all maEngineer in charge as per s.o.r.no-1-5-5. | **1.31** |  | 5993.40 | 7,871.01 |
| 13 | Centring and shuttering including strutting,ropping etc. and removal of form as per SOR Chapter no. 1-5-9-3. | **570.45** | Sqm | 339.60 | 193724.82 |
| 14 | Reinforcement for R.C.C. Work Twisted Bars as per SOR Chapter no.1-5-22-3. | 112.09 | Qtl | 6950.00 | 779,049.30 |
| 15 | Supply and fixing of pressed steel chaukhat single pattam 12.50 black sheet 18 gauges including supply of all material, labour and T&P etc. required for proper completion of work. | 10.40 | R/M | 366.70 | 3,813.68 |
| 16 | Supply and fixing of pressed steel chaukhat Double pattam 12.50 black sheet 18 gauges including supply of all material, labour and T&P etc. required for proper completion of work. | 27.00 | R/M | 450.00 | 12,150.00 |
| 17 | 12 mm. thick plaster with cement and approved Fine sand in 1:6 over brick work including supply of all materials labour and T&P etc. required for proper completion of the work. as per SOR Chapter no.1-13-1-2. | 465.92 | sqm | 134.00 | 62,433.01 |
| 18 | Supply and fixing of Z - section window single shutter with 4 mm glass pan 10 mm square, bar grill and with 24 B.W.G. G.I. mosquito proof jali etc. including supply of all material, labour and T&P etc. required for proper completion of work. | 20.25 | sqm | 3392.00 | 68,688.00 |
| 19 | Sand filling including ramming & dressing and also including cost of sand including supply of all material labour and T&P etc. required for proper completion of the work. | 2.03 | cum | 968.00 | 1,960.20 |
| 20 | Providing and laying of vitrified conic non steedfloor tiles i/c all complete. | 187.30 | sqm | 1666.00 | 312,047.63 |
| 20 | 12 mm. thick ceilling plaster with cement and approved Fine sand in 1:4 including supply of all materials labour and T&P etc. required for proper completion of the work. as per SOR Chapter no.1-13-1-1. | 189.79 | sqm | 149.50 | 28,373.77 |
| 21 | Supply and fixing of 6 mm thick china glazed tiles in wall & floor in 1:3 cement & coarse sand 12"x8" including supply of all material, labour and T&P etc. required for proper completion of the work.as per SOR Chapter no.1-11-36. | 62.90 | sqm | 879.50 | 55,324.07 |
| 22 | Providing and laying of 18mm thick grainite stone slab i/c all complete..as per SOR Chapter no.1-8-2-2-2. | 9.15 | 0 | 3845.50 | 35,186.33 |
| 23 | Kota stone slab flooring 18 mm thick over 20 mm (average) thick base laid over and jointed with gray cement slurry mixed with pigment to match shade of slab including rubbing & polishing complete. as per direction of Engineer-in-charge including supply of all material, labour and T&P etc. required for proper completion of work.as per SOR Chapter no.1-4-1-8. | **9.72** | Sqm | 1036.70 | 10076.72 |
| 24 | S/F of 32 mm thick flush doors commercial quality confirming to IS 2202 part Ist (1933) including fixing of wooden cleats, stopper and including fixing and adjustment of hinges bolts locks handles springs and other fitting with necessary screw to be supplied by contractor including supply of all material, labour and T&P etc. required for proper completion of the work. as | 15.30 | sqm | 2129.60 | 32,582.88 |
| 25 | S/F of 40mm thick shisham wood door frame with mosquito proof zali including fixing of wooden cleats, stopper and including fixing and adjustment of hinges bolts locks handles springs and other fitting with necessary screw to be supplied by contractor including supply of all material, labour and T&P etc. required for proper completion of the work. | 12.60 | sqm | 2304.00 | 29,030.40 |
| 26 | S/F of Anodized Aluminum door fitting with Tower bolts 2 Nos., handle 2 Nos. sliding bolts-2 Nos. both sides stoppers cleats etc. including supply of all material, labour and T&P etc. required for proper completion of the work. |  |  |  |  |
| 27 | Mild steel or iron work in **Heavy size** and saction when not including in an over all rates wrought in required shapes as necessary for proper completion of the work and including supply of steel, its wastage, all material labour T&P etc. required for proper completion of work as per direction of Engineer in charge.as per S.O.R. no-75421,chapter no-13.26 | 2.51 | Qtl | 6529.40 | 16,388.79 |
| 28 | Finishing of wall with water, proof cement paints of acrogard finish acrylic exterior emulsion of approved make (Snowcem plus) on new work with three coat to give and evshade including supply of all material, labour and T&P etc. required for proper completion of work.as per SOR Chapter no.1-3-47-1. | 262.28 | sqm | 63.90 | 16,759.69 |
| 30 | One priming coat and two coat oil bound distemper on new work including supply of all material, labour and T&P etc. required for proper completion of work.as per SOR Chapter no.1-13-41-1. | 393.43 | sqm | 93.00 | 36,588.99 |
| 29 | Painting or varnishing on new wood work with one coat of ready mix priming coat and twocoat approved superior quality ready mixed paint or clear synthetic varnish including supply of all material, labour and T&P etc. required for proper completion of work.as per SOR Chapter no.1-13-48-2. | 55.2 | sqm | 84.20 | 4,647.84 |
| 30 | Painting or varnishing on new iron work with one coat of ready mix priming coat and twocoat approved superior quality ready mixed paint or clear synthetic varnish including supply of all material, labour and T&P etc. required for proper completion of work.as per SOR Chapter no.1-13-48-3. | 31.2 | sqm | 84.90 | 2,648.88 |
| 31 | Providing & Fixing white Vitreous china wore Indian Patteran W.C. Pan 580 mm size (Hind ware, parry ware or Cera make) with 100 mmsand cost P or S trap, 10 liter PVC 10 W level cistern & steel long bend including supply of all material labour T&P etc required for completion of the work.chapter no-1-17-1-1. | 2 |  | 4855.50 | 9711.00 |
| 32 | Providing & Fixing white Vitreous china wore European Patteran W.C. Pan with white plastic sheet and lid including supply of all material labour T&P etc requiredfor completion of the work.chapter no-1-17-2-1. | 1 |  | 6920.20 | 6920.20 |
| 33 | Providing & Fixing Stainless steel AISI 304(18/8) kitchen sink as per IS 13983 sink with drain board size 510x140 mm bowl depth 250mm including supply of all material labour T&P etc required for completion of the work.chapter no-1-17-10-1-1. | 1 |  | 9680.80 | 9680.80 |
| 34 | Providing & Fixing white Vitreous china Flat back single half stall urinal with 5 liter PVC automatic flushing cistern.chapter no-1-17-5-1. | 3 |  | 6139.50 | 18418.50 |
| 35 | Providing & fixing white glazed virtuous china ware wash hand basin cascades type 550x400 mm with R.S on C.I brackets with 32mm dia union & C.P. Brass China and C.P. Bottle trap (Bens Made) 15mm C.P. Pillar cock including s/o all material labour and T&P etc. (Hind ware, Parry ware make)chapter no-1-17-7-3. | 4 | nos | 3896.60 | 15586.40 |
| 36 | Providing & Fixing of 20mm G.I. class 'B' Pipe (Jindal hissar Make) complete with G.I fittings & clamps including supply of all materials, labour and T&P etc. and including making good the wall etc. (External work)chapter no-1-18-12-2. | 30 | rm | 188.40 | 5652.00 |
| 37 | Providing & Fixing of 25mm G.I. class 'B' Pipe (Jindal hissar Make) complete with G.I fittings & clamps including supply of all, labour and T&P etc. and including making good the wall etc. (External work)chapter no-1-18-12-3. | 90 | rm | 255.70 | 23013.00 |
| 38 | Providing & Fixing of 15mm G.I. class 'B' Pipe (Jindal hissar Make) complete with G.I fittings & clamps including supply of all materials, labour and T&P etc. and including making good the wall etc. (internal work))chapter no-1-18-10-1. | 30 | rm | 181.90 | 5457.00 |
| 39 | Providing & Fixing of 20mm G.I. class 'B' Pipe (Jindal hissar Make) complete with G.I fittings & clamps including supply of all, labour and T&P etc. and including making good the wall etc.(internal work).chapter no-1-18-10-2. | 30 | rm | 222.20 | 6666.00 |
| 40 | Providing & Fixing of Brass bib cock 15 mm heavy quality including supply of all, labour and T&P etc.chapter no-1-18-15-1. | 6 | nos | 414.90 | 2489.40 |
| 41 | Providing & Fixing of Brass stop cock 15 mm heavy quality including supply of all, labour and T&P etc.chapter no-1-18-16-1 | 6 | nos | 414.90 | 2489.40 |
| 42 | Providing & Fixing of Ball valve (brass) of approved quality complete 15mm nominal bore.chapter no-1-18-18-1. | 6 | nos | 289.40 | 1736.40 |
| 43 | Providing & Fixing of Ball valve (brass) of approved quality complete 20mm nominal bore.chapter no-1-18-18-2. | 6 | nos | 411.50 | 2469.00 |
| 44 | Providing & Fixing of gun metal non return valve of approved quality complete 25mm nominal bore. chapter no-1-18-17-1. | 6 | nos | 432.10 | 2592.60 |
| 45 | Providing & Fixing of brass ferrule with C.I.mouth cover i/c boaring and tapping the main 15mm nominal bore. | 6 | nos | 215.30 | 1291.80 |
| 46 | Providing & Fixing of brass ferrule with C.I.mouth cover i/c boaring and tapping the main 20mm nominal bore. | 5 | nos | 264.20 | 1321.00 |
| 47 | Providing & Fixing of brass ferrule with C.I.mouth cover i/c boaring and tapping the main 25mm nominal bore. | 4 | nos | 347.80 | 1391.20 |
| 48 | Supply & Fixing P.V.C. water tank 1000 Lt. capacity of approved quality Sintax including supply of all, labour and T&P etc. chapter no-1-18-48. | 2000 | lts | 10.50 | 21000.00 |
| 49 | P/F HCI Trap of self cleansing Design 100mm dia intel and 100mm dia outlet . chapter no-1-17-60. | 6 | nos | 1020.80 | 6124.80 |
| 50 | Providing & Fixing of square mouth S.W. gully trap A complete with C.I. 100\*100mm size p type with F.P.S. brick class deg.75. | 4 | nos | 1665.70 | 6662.80 |
| 51 | Providing & Fixing of rigid PVC pipe 75mm dia including supply of all, labour and T&P etc. | 30 | rm | 168.20 | 5046.00 |
| 52 | Providing & Fixing of rigid PVC pipe 100mm dia including supply of all, labour and T&P etc. | 30 | rm | 278.00 | 8340.00 |
| 53 | Providing & Fixing of terminal guard including supply of all, labour and T&P etc. chapter no-1-17-56-1-1,1-17-56-2-1. |  |  |  |  |
|  | 100mm dia | 4 | nos | 437.60 | 1750.40 |
|  | 75mm dia | 4 | nos | 373.50 | 1494.00 |
| 54 | Providing & Fixing of coller including supply of all, labour and T&P etc. chapter no-1-17-57-1-1,1-17-57-2-1. |  |  |  |  |
|  | 100mm dia | 4 | nos | 194.70 | 778.80 |
|  | 75mm dia | 4 | nos | 154.10 | 616.40 |
| 55 | Providing & Fixing of plain bend including supply of all, labour and T&P etc. chapter no-1-17-39-1-1,1-17-39-2-1. |  |  |  |  |
|  | 100mm dia | 4 | nos | 437.60 | 1750.40 |
|  | 75mm dia | 4 | nos | 220.90 | 883.60 |
| 56 | Providing & Fixing of M.S.holder-bat clamps including supply of all, labour and T&P etc. chapter no-1-17-37-1,2. |  |  |  |  |
|  | 100mm dia | 4 | nos | 136.50 | 546.00 |
|  | 75mm dia | 4 | nos | 128.40 | 513.60 |
| 57 | Const. of masonry chamber 30\*30\*50 Vcm,and RCC top slab 1:2:4 mix necessury excavation foundation concrete 1:5:10 and inside plastering with 1:3 c/s morter 12mm thick with neat cement complete as per standard design with F.P.S bricks.as per SOR chapter no 1-18-32-1. | 5 | nos | 1217.00 | 6085.00 |
| 58 | Const. of masonry chamber 60\*60\*75 Vcm,and RCC top slab 1:2:4 mix necessury excavation foundation concrete 1:5:10 and inside plastering with 1:3 c/s morter 12mm thick with neat cement complete as per standard design with F.P.S bricks.as per SOR chapter no 1-18-33-1. | 5 | nos | 10160.70 | 50803.50 |
| 59 | Earth work in rough excavation in all Kinds of soil asperSOR Chapter no. 39892, 1-2-2-1. | 54.00 | Cum | 238.90 | 12900.60 |
| 59 | P.C.C. 1:5:10 in cement, c.sand and 20mmgauge ston ballast including supply of all material, labour and T&P etc. as per S.O.R. no-81070,1-4-1-10. | **27.00** | Cum | 3555.20 | 95990.40 |
| 60 | Providing and laying of non pressure NP2 class (light duty) 300mm dia RCC pipes with collars including supply of all, labour and T&P etc. | 50 | rm | 715.20 | 35760.00 |
| 61 | Const. of masonry chamber 30\*30\*30 Vcm,and RCC top slab 1:2:4 mix necessury excavation foundation concrete 1:5:10 and inside plastering with 1:3 c/s morter 12mm thick with neat cement complete as per standard design with F.P.S bricks.as per SOR chapter no 1-18-32-1. | 6 | nos | 1217.00 | 7302.00 |
| 62 | Const. of masonry chamber 60\*60\*75 Vcm,and RCC top slab 1:2:4 mix necessury excavation foundation concrete 1:5:10 and inside plastering with 1:3 c/s morter 12mm thick with neat cement complete as per standard design with F.P.S bricks.as per SOR chapter no 1-18-33-1. | 3 | nos | 10160.70 | 30482.10 |
|  | **ItemElectrical fittings** |  |  |  |  |
| 63 | S/F MCB Distribution box SPN MCBDB 4 way . | 1 | rm | 420.00 | 420.00 |
| 64 | Supply and wiring of sub main with 3x4 sq.mm PVC insulation copper conductor cable in 25mm dia . Conduit from distribution box to Switch board. | 100 | rm | 305.00 | 30500.00 |
| 65 | Supply and wiring of sub main with 4x4 sq.mm PVC insulation copper conductor cable in 25mm dia . Conduit from distribution box to Power Point. | 100 | rm | 442.00 | 44200.00 |
| 66 | S/F of 100 Amp. 415 VTPN metal clad rewireable type switch fuse unit on angle iron bracket grouted on wall complete in all respect . | 2 | nos | 4560.00 | 9120.00 |
| 67 | Wiring point for light with 1.50 Sq.mm PVC insulated single core cable in HD PVC condute pipe on surface complete with 1.50Sq.mm PVC insulated Aluminium conductor cable as earth continuity wire drawn inside the conduit complete in all respect . |  |  |  |  |
| A | Light . | 12 | nos | 828.90 | 9946.80 |
| B | Tube Light . | 10 | nos | 1099.90 | 10999.00 |
| C | Fan with box . | 9 | nos | 2500.00 | 22500.00 |
| D | call bel . | 3 | nos | 828.90 | 2486.70 |
| E | plug point box . | 8 | nos | 610.60 | 4884.80 |
|  | S/F of Fan hook fabric . | 9 | nos | 90.00 | 810.00 |
| 68 | Supply and butying 40mm dia x 4.50 m. long GI pipe vertically for earthing having 12mm dia hole spaced 75mm apart drilled upto 2m, long from the botton complete with esrthing laid of no. 6 to 8 SWG GI wire in GI pipe B class upto wall (& wall to switch board the cost of GI pipe & GI wire will be extra). CI box 30 cm x 30 cm with hinged cover, masonary housing, funnel at top, reducer GI 40mm to 20mm Alternate lays of charcoal/cock & salt, atleast 15cm thick around the GI pipie & upto the height of 2m.etc. as per direc ted by E/I complete . | 1 | nos | 10160.70 | 10160.70 |
|  | Add 2% for soil test and strct. Exp. |  |  |  | 72933.00 |
|  | Add 3% for contingencies |  |  |  | 109399.00 |

I/ We agree to execute the above work at the rate --------------% above/ --------------- below of the estimated cost/rate.

Name / Signature of the bidder:- ----------------------------

Address:----------------------------------------------------------

Cell No. ----------------------------------------------------------

FaxNo.------------------------------------------------------------

Email ID----------------------------------------------------------