



**GOVERNMENT OF WEST BENGAL
IRRIGATION & WATERWAYS DIRECTORATE
OFFICE OF THE ASSISTANT ENGINEER-III
PURULIA IRRIGATION DIVISION
BHATBANDH IRRIGATION COLONY
PURULIA**

NOTICE INVITING TENDER

NIT No: 3of 2018-19 of AE-III(PID)

Memo: 270

Dated:- 30.10.18

1. Separate sealed Tenders in printed form [Form No. 2911/2911 (i) / 2911 (ii)] are invited by The Assistant Engineer-III, Purulia Irrigation Division, on behalf of Government of West Bengal, for the works as per list attached herewith, from eligible, reliable, and resourceful contractors having sufficient experience in execution of similar type of work within last five financial years for a sum equivalent to at least **30% (thirty)** of the amount put to tender.
 2. a) Separate Tender should be submitted for the each work, as per attached list, in sealed cover super scribing the name of the works on the envelope and addressed to the proper Authority.
b) Submission of Tender by Post is not allowed.
 3. The Tender Documents and other relevant particulars (if any) may be seen by the intending tenderers or by their duly authorized representative during Office Hours between 11-00 A.M and 4-00 P.M. on every working day, till the Last Date of Issue in the Office of The Assistant Engineer-III, Purulia Irrigation Division / Executive Engineer, Purulia Irrigation Division.
 4. a) Intending tenderer should apply for Tender papers in their respective Letter Heads enclosing self attested copies of the following documents, originals of which and other documents like Registered partnership (for partnership firms) etc, are to be produced on demand, as well as during interviews (if any).
 - i.)
 - a) Valid 15 digit Goods and Service Tax payer Identification Number (GSTIN) as per GST Act, 2017 made compulsory by Finance Department, GoWB irrespective of financial Turn Over of bidders.
 - b) Valid PAN Card of the bidder/s are required
 - c) Professional Tax Payment Certificate (PTPC) or the PT payment challan/ receipt for current financial year/Waiver Order of competent authority in other States as applicable
 - d) Latest authenticated Income Tax Return for current financial year or immediate preceding financial year of bidder.
 - e) Completion Certificates/Payment Certificate (s) for the single similar nature of single work worth at least 30% of the value of the work for which tender paper is desired, executed within last 5 (five) years (to be determined from the actual year of completion, considering current financial year as Year-1)
 - ii) Intending tenderer have to submit a declaration regarding common interest in Form-4.
 - iii) List of Tools & Plants, Machineries and Equipments etc. in possession.
 - iv) List of Technical & Non-Technical staff.
 - v) List of works in progress with their respective value.
 - vi) Eligibility certificate/N.O.C. issued by the A.R.C.S.(for Engineer's Co-operative only).
 - vii) A Statement showing number and value of works presently under execution by the Tenderer under the Irrigation & Waterways Department and other Govt. Department/ Organizations.
 - viii) Declaration by the applicant to the effect that there is no other applications for Tender Paper for work in the N.I.T. in which he/she/they has/have common interests and in that case intending Tenderer has to disclose his/her name(s) and style of another firm/individuals (where he is also officiating) in the application for issuing tender forms failing which the decision of the committee regarding the matter will be final and binding upon all.
- Declaration by the contractor to the effect that he/they has/have no near relative is posted in any offices under the circle which intends to submit tender. In case of near relative posted in any offices under the circle, he/they will not be permitted to Tender for works in the circle of the Superintending Engineer.

b) Completion certificates issued by competent Authority will normally be considered as credential. Apart from credentials of work excused under Irrigation Waterways Department, credentials of work excused under public works (Roads) Departments, Public

Health Engineering Department, Sundarban Affairs Department & other State Government Departments, Zilla Parishads, WBHIDCB, WBSEDCL, KMDA & SA, KHC, HRBC, Engineering Departments & central Government and Organizations like railways, KOPT and Mackintosh Burn Ltd., Wasting house Saxby Farmer Ltd & Britania Engineering Ltd. May also be considered, Completion Certificates are to be countersigned by the Executive/ Divisional Engineers of the respective State/ Central Government Departments or Officer of the equivalent rank, if those are issued by some other authority. Over and above the completion certificates, certificate from the competent authority regarding payment received so far for the work (even if the full payment might not have been received), supported by Bank statement showing that the corresponding amount of payment has actually been deposited in the Bank, will have to be produced in the cases of works executed under Departments / Organizations other than Irrigation & Waterways Department, failing which credentials may not be considered.

c) Any suppression /misrepresentation of fact will automatically debar the applicant from participating in any Tender under the Division circle for at least 3 (Three) years from the date of detection, in addition, his/her EMD of the tender will stand forfeited by the Government.

5. Intending tenderer not satisfied with the decision of the paper Issuing Authority may prefer an appeal to the next superior officer. Concerned Chief Engineer will be the Appellate Authority for high value tenders. Necessary communication regarding his appellate Authority must be brought to the notice Authority within two working days after the date of issue of tender paper, and copy of such communications should also be submitted to the tender paper Issuing Authority within the same period, failing which no such appeal will be entertained.

6.a) NIT, 2911 (ii) Form should be downloaded from the Dept. Website (www. wbiwd.gov.in) and to be submitted to The Office of Assistant Engineer-III, Purulia Irrigation Division.

b) No tender paper will be supplied by post.

c) No tender paper will be issued on the date of opening of tenders after expiry of date and time mentioned in the Notice.

7. Before submitting any tender, the intending tenderers should make themselves acquainted thoroughly with the local conditions prevailing by actual inspection of the site and take into consideration all factors and difficulties likely to be involved in the execution of work in all respects including transportation of materials, communication facilities, climate conditions, nature of soil, availability of local labourers and market rate prevailing in the locality etc. as no claim whatsoever will be entertained on those accounts afterwards. In this connection the intending tenderers may contact The Office of the undersigned between 11.30 hours and 16.30 hours on any working day.

8. Earnest Money, as noted in the list of works, in the form other than those mentioned below, will not be accepted.

a) Receipted challan of Reserve Bank of India or Treasury showing the deposit to be credited under the Head 'P.W. Deposit' in favour of the Executive Engineer, Purulia Irrigation Division.

b) Crossed Bank Draft / Deposit of call Receipt, Banker's Cheque of any schedule Bank in the locality in favour of the Executive Engineer, Purulia Irrigation Division.. **No adjustment of any sort of above mentioned Earnest money previously deposited for other work will be considered.** Tender without the specified earnest money will be treated as informal.

9. Earnest Money for works in open tender, as noted in the list of works will have to be deposited by the contractors, Unemployed Engineers' Cooperatives.

Anybody desirous of exemption from depositing Earnest Money is to furnish along with his tender, self-attested copy of document exempting him from depositing Earnest money for the tender.

a) **The tender should quote the rate both in figures and in words on the basis of percentage above/below or at par the schedule of Rates attached with the tender from and also in the space provided in the Tender Form.**

b) **Any tender containing over writing is liable to be rejected.**

c) **All corrections are to be attested under the dated signature of the tenderer.**

d) Bid price in financial offer below 20% of the estimated amount put to tender is not desirable, as it leads to a doubt regarding the intention of the bidder to deliver good quality work on due time. Additional Performance Security" has been made mandatory which shall be obtained only from the successful L1 bidder, if the accepted bid price is below by more than 20% of the amount put to tender. This Additional Performance Security shall be equal to 10% of the tendered amount i.e. the L1 bid price. The Additional Performance Security shall have to be submitted by the selected L1 bidder after issuance of Letter of Acceptance / Letter of Invitation (LoN/LoI) within seven working days and before issuance of Award of Contract (AoC) in the form of "Bank Guarantee" of any Scheduled Bank approved by RBI, payable at Kolkata or / in West Bengal, as per specimen format Form-5. If the bidder fails to submit the said value of BG as Additional Performance Security within the seven working days, he may pray for extension of BG submission date within the prescribed 7 days period by another seven days with reasons to be recorded in writing (which is 14 working days from date of issuance of LoA). Else, its/their Earnest Money Deposit (EMD) will be forfeited without any prejudice by the Tender inviting authority and the defaulting bidder also debarred from further participation in all future I&WD tenders for a period of one year for committing the offence on the first occasion and for a period of two years for recurrence of the same offence. The said Bank Guarantee (BG) shall have to be valid up till the end of

the contract/Agreement period including extended time period till 100% physical completion of work in all respects and shall be renewed within validity period accordingly if required. The said Bank Guarantee shall remain in custody of the OOO & Executive Engineer in-charge of the work, which shall be returned to the bidder/contractor after successful physical completion of the work as per contract. If the bidder fails to complete the work successfully, this Additional Performance Security shall be forfeited at any time during the pendency of the contract period after serving suitable notice to the contractor/bidder agency. Necessary provisions regarding deduction of security deposit from progressive bills of the contractor in respect of the tendered work shall be governed as per relevant clauses of the tender contract/Agreement which will in no way be affected / altered due to this Additional Performance Security.

10. When a tenderer signs his tender in an Indian Language, the total amount tendered should also be written in the same language. In the case of illiterate tenderer, the rates tendered should be attested by a witness.
11. The tenderer who will sign on behalf of a company or Firm, must produce the registered documents (within 3 days from the date of opening the tender) in support of his competency to enter into an Agreement on behalf of the company or the firm under the Indian partnership Act, failing which the Tender will not be considered and the deposited Earnest money will be forfeited.
12. Any letter or other instrument submitted separately in modification of the sealed tender may not be entertained.
13. The tenderer should submit a statement at the time of submission his tender showing the Technical staff to be maintained for the work, with their technical qualifications, failing which the tender may be liable to rejection.
14. Conditional Tender, which does not fulfill any of the above conditions, and is incomplete in any respect, is liable to summary rejection.
15. GST, Royalty, Building & other Construction workers Cess and all other statutory Levy, Cess etc. will have to be borne by the Contractor (He will have to produce necessary documentary evidence of his having done so at the time of receiving the final payment for the work).In view of introduction of GST with effect from 01.7.2017, all the bidders intending to participate in this tender should offer their financial bids inclusive of GST applicable for entire composite works/Procurement of goods & services, labour intensive component contained in the Price Schedule / BOQ. No separate payment towards GST shall be made by the Tendering / implementing authority. The estimated amount put to tender in the instant Tender is not inclusive of GST component but contains the pre-GST taxation amounts.
16. Tender Documents to be submitted in the Tender box of the following offices as per Scheduled time & date of NIT.AE-III,Purulia (I) Division, SDO/PCSD-I Raghunathpur & SDO/PCSD-II Balarampur.
17. The Tender Accepting Authority does not bind himself to accept the lowest tender and reserves the right to reject any or all of the tenders received, without assigning any reason whatsoever to the intending tenderers and also reserves the right to distribute the work amongst morethan onetenderers.
18. The tenderer will have to, if so desired by the Tender Accepting Authority, submit his analysis to justify the rate quoted by him.
19. The tenders will be opened, as specified in the list of works, in presence of the participating Tenderers or their duly authorized representatives, who may be present at the time of opening and who may also put their signatures in the tender opening register.
20. The successful tenderer will have to execute the duplicate/ triplicate quadruplicate copies of his tender in the Office of The Assistant Engineer-III/Executive Engineer, Purulia Irrigation Division,within 7 (seven) days from the date of receipt of the intimation of acceptance of his tender failing which the Earnest money shall forthwith stand forfeited in favour of the Government and the communication of acceptance of the tender shall automatically stand cancelled.
21. If any tenderer withdraws his tender before its acceptance or refuses/ fails to convert it into a contract within a reasonable time, without giving any satisfactory explanation for such withdrawal/ refusal/ failure he shall be disqualified for submitting any tender in this Division/Circle for a minimum period of one year and his case will be referred to the Government for order as to what further action will be taken against him.
22. The successful tenderer will have to abide by the provisions of The West Bengal Contract Labour (Regulation) Rules,1972 and such other Acts as may be application, will be in force from time to time.
23. Materials such as Cement, M.S. Rod, R.C.C. Hume Pipes, M.S.sheet piles etc. if available in stock, will be issued by the Department to the contractor for the work as per Issue Rate fixed by the Engineer-in-charge. Site of issue of materials as mentioned in the list if materials to be supplied departmentally to the Contractor is furnished with the tender documents for the work. Any Other materials not listed therein, if supplied by the Department, theIssue Rate for such material will be fixed by the Engineer-in –charge.
24. Hire charges for Tools & plants machinery, if issued Department ally, will be recovered from the Contractor at such rates as will be fixed by the Engineer-in-charge. The period of hire charges of all Tools & plants machinery issued from the Government go down will be counted from the date of their issuance from the go down and up to the date of return into the same go down and the hire charges will be recovered from the Contractor accordingly. All Tools & plants machinery issued to the contractor must be returned in good condition. In the case of any damage, the cost of repair to such damage or replacement will be recovered from Contractor.
25. In the following causes a tender may be declared informal and unacceptable.
 - a) Correction, alterations, additions, etc. if not attested by the tender.
 - i) Earnest money in the form of T.R. challan, D.C.R./Demand Draft, etc. Which are short deposited and / or deposited in favour of the Executive Engineer, Purulia Irrigation Division.

- b) If the tender form is not properly filled in respect of the general description of the work, Estimated Cost, Rate of deduction of Security Deposit, in page-2 and other pages as are required to be filled in.
- c) If the specified pages of the tender Document are not signed by the tender;
- d) If the tender is not submitted in a cover properly sealed and the name of the work is not indicated on the cover.
26. For the return of the Earnest money of the unsuccessful Tenderer(s), he/they is/are to apply for the same to the Executive Engineer, Purulia Irrigation Division., giving the reference to the work, N.I.T. No., date of tender, amount and mode of Earnest money deposited- all in a complete form. The Earnest money of all Tenderers other than the lowest Tenderer in each case may be refunded, after acceptance of the rate in the comparative statement, as early as possible.
27. To verify the competency, capacity and financial stability of the intending Tenderer (s) the tender paper Issuing Authority may demand production of any necessary document(s) as it may deem necessary.
28. The payment of R/A as Final Bill for any work will be made according to the availability of fund and no claim due to delay in payment will be entertained.
29. Any contractor/bidder may bid for a maximum of 50% of the total number of works (Serial of works if a number of works have been tendered in the same NIT) rounded up to next higher integer, published in any particular NIT, subject to a maximum of three, depending on his/her work credential and financial capabilities.
- 30. Time Schedule of Tender Procedure**
- a) **Last date and time of receipt of application for tender : 14/11/2018 up to 1600 Hrs.**
- b) **Date and time of issue of tender papers : 16/11/2018 up to 1600 Hrs**
- c) **Date and time of receipt/dropping of tender : 19/11/2018 up to 1600 Hrs in the Tender Box kept at the AE-III Office, Bhatband Irrigation Colony, Purulia.**
- d) **Date and time of opening of Tender Box : 19/11/2018 at 16:30 Hrs. in Chamber of AE-III**
- e) **Accepting Authority : Executive Engineer, Purulia Irrigation Division/Assistant Engineer-III, Purulia (I) Divn. Bhatbandh Irrigation Colony, Purulia.**

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No Tender paper will be supplied by post.

No tender paper will be issued on the date of opening of tenders after expiry of date and time mentioned in the Notice. Incomplete application will summarily be rejected.

Assistant Engineer-III
Purulia Irrigation Division
Bhatbandh, Purulia

Memo No:270/ /

Date:- 30.10.18

Copy forwarded for information and having it displayed his notice board to the:-

- 1) Officer-on –Special Duty, Irrigation & Waterways Directorate, Purulia.
- 2) Executive Engineer, Purulia Irrigation Division, I & W. Dte. Purulia.
- 3) Executive Engineer, Purulia Inv. & Planning Division, I & W. Dte, Purulia.
- 4) Executive Engineer, Construction Division, I & W. Dte, Purulia.
- 5) Sub Divisional Officer, Manbazar Irrigation Sub-Division.

- 6-7) Assistant Engineer – I /II, attached to PuruliaIrrigation Division, Purulia.

- 08) Sub Divisional Officer, purulia Irrigation Sub-Division.

- 09) Notice board of the Assistant Engineer-III, Purulia Irrigation division

Assistant Engineer-III
Purulia Irrigation Division
Bhatbandh, Purulia

NIT No -3 of 2018-19 of AE-III(PID)

LIST OF WORKS

SL NO	Name of work	Amount put to Tender in Rs.	Earnest money (2% of the estimated cost put to tender) in Rs.	Cost of Tender Documents in Rs.	Eligibility of Contractor	Time allowed for completion of the work.
1.	Renovation of Chamber of OSD(S.E) within Bhatbandh (I) Colony, under Purulia Irrigation Division, Purulia	2,44,279.00	4,886.00	0.00	As per N.I.T.	45 days
2.	M/R to quarter no-B3/1within Bhatbandh (I) Colony, under Purulia Irrigation Division, Purulia	74,331.00	1,487.00	0.00	As per N.I.T.	30 days

*ASSISTANT ENGINEER-III
PURULIA IRRIGATION DIVISION
Bhatbandh, Purulia*

SCHEDULE FOR THE WORK :			M/R TO QUARTER NO-B 3/1 WITHIN BHATBANDH (I) COLONY UNDER PURULIA IRRIGATION DIVISION, PURULIA.			
SL. NO.	REF. NO.	DESCRIPTION OF ITEM	QTY.	UNIT	FINAL RATE	AMOUNT WITH GST & CESS
1	PWD (B) P-11 I-10	Stripping off worn out plaster and raking out joints of walls, ceilings etc. upto any height and in any floor including removing rubbish within a lead of 75m as directed.	108.54	M2	21.49	2332.52
2	PWD (B) P-10 I-2	Dismantling all types of plain cement concrete works, stacking serviceable materials at site and removing rubbish as directed within a lead of 75 m. In ground floor including roof. (a) upto 150 mm. thick	0.23	M3	1062.20	244.31
3	PWD (B) P-42 I-12	Hire and labour charges for shuttering with centering and necessary staging upto 4 m using approved stout props and thick hard wood planks of approved thickness with required bracing for concrete slabs, beams and columns, lintels curved or straight including fitting, fixing and striking out after completion of works (upto roof of ground floor) (a) 25 mm to 30 mm thick wooden shuttering as per decision & direction of Engineer-In-Charge.	3.45	M2	366.51	1264.46
4	PWD (B) P-15 I-7	Ordinary Cement concrete (mix 1:1.5:3) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement if any, in ground floor as per relevant IS codes. (i) Pakur Variety	0.23	M3	6090.20	1400.75
5	PWD (B) P-189 I-2	Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or chamfering corners as directed and raking out joints including throating, nosing and drip course, scaffolding/staging where necessary (Ground floor).[Excluding cost of chipping over concrete surface]				
		(i) With 1:6 cement mortar(c) 15 mm thick plaster	89.72	M2	152.71	13701.14
		(ii) With 1:4 cement mortar (b) 15 mm thick plaster	18.82	M2	138.01	2597.35
6	PWD (B) P-152 I-30	Labour for taking out door and window frame including shutter for repair or replacement of different parts of the frame & refixing the same including mending good all damaes complete. (Concrete and brick work for mending damage will be paid separately) (a) Upto area 2.5 Sq.m	15.30	M2	134.61	2059.53
7	PWD (B) P-114 I-1	Wood work in door and window frame fitted and fixed in position complete including a protective coat of painting at the contact surface of the frame exluding cost of concrete, Iron Butt Hinges and M.S clamps. (The quantum should be correted upto three decimals). Note: Extra for Lifting Charges for each additional floor, i) Rs. 200/- per Cu.m (upto 4th floor)	0.120	M3	82525.56	9903.07

8	PWD (B) P-140 I-4	Supplying, fitting and fixing M.S. clamps for door and window frame made of flat bent bar, end bifurcated with necessary screws etc. by cement concrete(1:2:4) as per direction. (Cost of concrete will be paid separately) (c) 40mm X 6mm, 125mm Length	20.00	Each	22.62	452.40
9	PWD (B) P-152 I-32	Taking out door and window shutters and rehanging the same with old fittings. (a) With new iron screws.	9.13	M2	88.23	805.54
10	PWD (B) P-152 I-33	Easing door and windows.	10.00	Each	19.23	192.30
11	PWD (B) P-140 I-5	Iron butt hinges of approved quality fitted and fixed with steel screws, with ISI mark.(iii) 75mm. X 40mm. X 1.12mm.	30.00	Each	31.67	950.10
12	PWD P-33 I-3	Making one set of scaffolding only for replacing glass panels, painting, uprooting plant and another repairing works of building and S&P works for external works only with 10 cm. dia bamboo as main posts at the rate of 1 metre centre to centre and 7.5 cm. dia bamboo ties @ 0.75 metre apart fitting and fixing with necessary coir, nails etc. as per direction of the Engineer-in-charge. (This item should be executed only after prior approval of the Engineer-in-charge). Firstly, one number to be paid and then labour rate for shifting up to further nineteenth (19) times @ 10% each time to be considered. If necessary further after twenty times of total use, another one number new and labour rate for shifting to be considered accordingly.				
		a) 3.90 metre height	1.00	Each	315.60	315.60
13	PWD (B) P-194 I-1	White washing including cleaning and smoothening surface thoroughly. All floors : (b) Two coats (to be done on specific instruction).	268.92	%M2	2052.00	5518.24
14	PWD (B) P-203 I-1	Removing loose scales, blisters etc. from old painted surface and thoroughly smoothening the surface to make the same suitable for receiving fresh coat of paint.	57.24	M2	23.76	1360.02
15	PWD (B) P-200 I-1	(a) Priming one coat on timber or plastered surface with synthetic oil bound primer of approved quality including smoothening surfaces by sand papering etc.	120.30	M2	42.98	5170.49
		(b) Priming one coat on steel or other metal surface with synthetic oil bound primer of approved quality including smoothening surfaces by sand papering etc.	11.79	M2	32.80	386.71
16	PWD (B) P-200 I-2	(A) Painting with best quality synthetic enamel paint of approved make and brand including smoothening surface by sand papering etc. including using of approved putty etc. on the surface, if necessary :				
		(a) On timber or plastered surface :				
		With super gloss (hi-gloss) -				
		(iv) Two coats (with any shade except	120.30	M2	91.63	11023.09
		(b) On steel or other metal surface :				
		With super gloss (hi-gloss) -				
		(iv) Two coats (with any shade except white)	11.79	M2	89.36	1053.55

17	PWD P-118 I-1(iv)	Panel shutters of door and window, as per design (each panel consisting of single plank without joint), including fitting and fixing the same in position but excluding the cost of hinge and other				
		(iv) 25mm thick shutters with 12mm thick panel of size 30to 45 Cm.				
		(b) Sishu, Gamar, Champ,Badam,Bhola, Mogra, Hallak.	5.36	M2	2430.95	13029.89
18	PWD P-144 I-26	Anodised aluminium barrel / tower / socket bolt (full covered) of approved manufactured from extruded section conforming to I.S. 204/74 fitted and fixed with cadmium plated screws:				
		(iv) 150mm long x 10mm dia. bolt.	8.00	Each	71.27	570.16
					Total=Rs.	74331

**SCHEDULE FOR THE WORK : RENOVATION OF CHAMBER OF OSD (S.E.) WITHIN BHATBANDH (I)
COLONY UNDER PURULIA IRRIGATION DIVISION, PURULIA.**

SL. NO.	DESCRIPTION OF ITEM	QTY.	UNIT	FINAL RATE	AMOUNT WITH GST & CESS
1	<p>Supplying, fitting & fixing of Aluminium fixed partition wall of all aluminium sections viz top, bottom and side member, intermediate member, glazing clip made of Aluminium Alloy Extrusions conforming to IS: 733-1983 and IS: 1285-1975, anodized conforming to IS:1868-1983, fitted with all other accessories viz. EPDM gasket,cleat, angle screws etc. including labour charges for fitting and fixing of aluminium fixed partition wall with glass / panel board all complete as per architectural drawings and direction of Engineer-in-charge. (Excluding cost of glass/ panel board) 10-12 Micron thickness Anodizing film. Natural white. a) for unsupported length of vertical member upto 1.50m. height of both ends of vertical member restrained but panel with in 0.90 sqm (unit wt of Top, bottom & side member @1.366 kg/m ; intermediate member @ 1.443 kg/m; glazing clip: 0.167 kg/m respectively) [Note : for estimate purpose construction wing may consider weight of Al-Sections for Partition wall @ 5.7 Kg per Sq.M]</p>	228.40	kg	442.29	101019.00
2	<p>Supplying, fitting & fixing of partly glazed partly panelled or fully glazed single leaf Aluminium swing door of all aluminium sections viz door frame (top and side frame), shutter(top rail, bottom rail, lock rail, door vertical) , glazing clip made of Aluminium Alloy Extrusions conforming to IS: 733-1983 and IS: 1285-1975, anodized conforming to IS:1868-1983, fitted with all other accessories viz. EPDM gasket,cleat, angle screws etc. including labour charges for fitting and fixing of aluminium door with door spring,/aluminium hinges, glass / Panel board all complete as per architectural drawings and direction of Engineer-incharge. (Excluding cost of glass/ panel board, door spring/ Al hinges, door closer, door stoper, handle, tower bolt and locking arrangement etc) 10-12 Micron thickness Anodizing film Natural white (unit wt of to Top & side frame @1.366 kg/m ; top rail @ 1.296 kg/m; bottom rail @ 1.974 kg/m; lock rail @ 1.590 kg/m; door vertical @ 1.412 kg/m; glazing clip @ 0.167 kg/m.) [Note : for estimate purpose construction wing may consider weight of Aluminium door @ 9.0 Kg per Sq.M]</p>	54.00	kg	435.51	23518.00
3	(ii)Door stopper (Anodised aluminium)	3	Each	79.18	238.00
4	Supplying heavy duty hydraulic double action floor spring along with top pin/set of pivots conforming to IS: 6315 or any approved make as per direction of Engineer in charge.	3	Each Set	1955.84	5868.00
5	Supplying concealed type heavy duty PVC headed aluminium tower bolt for double leaf doors as per approved make and brand as per direction of Engineer-in-Charge.				
	(a) 200 mm long	3	Each	69.00	207.00

6	Supplying 4 lever mortice lock or any approved make and brand as per direction of the Engineer- in -Charge. i) 150 mm.	3	Each	427.59	1283.00
7	(A) Supplying Aluminium casted body hydraulic door closer as per I.S.I.	3	Each	718.31	2155.00
	(D) Supplying Aluminium casted body Butt Hinge (KOBRA type). (Natural white)	9	Each	63.34	570.00
8	Providing, fitting and fixing in position, medium density fibre board conforming to IS: 12406-1988 for plain and IS: 14587-1998 for prelaminated made of wood fibre bonded with Urea formaldehyde for interior grade and Phenol Formaldehyde for exterior grade conforming to per IS:848-1974 as per approved make and brand as per direction of Engineer-in-Charge. (C) Both side decorative lamination (II) Interior Grade (i) 8mm	40.03	M2	883.46	35365.00
9	Add extra over rate of ground floor for each addl. Storey over the item no-8 (i) Upto 4th floor	40.03	M2	15.83	634.00
10	Filling the gap in between aluminium frame & adjacent RCC / Brick/ Stone work by providing weather silicon sealant over 6mm dia backer rod of approved quality as per architectural drawings and direction of Engineer-in-Charge complete. Upto 5 mm depth and 5 mm width				
	(a) Ground Floor	46.80	M	78.05	3653.00
	(b) Extra for each additional floor	46.80	M	3.39	159.00
11	Taking out Mirzapur or glazed porcelain tiles carefully by chiselling from walls or floor including stacking serviceable material as directed.	22.08	M2	119.90	2647.00
12	Dismantling all types of masonry excepting cement concrete plain or reinforced, stacking serviceable materials at site and removing rubbish as directed within a lead of 75 m. a) In ground floor including roof.	0.57	M3	505.64	288.00
13	125 mm. thick brick work with 1st class bricks in cement mortar (1:4) in ground floor.	9.30	M2	665.14	6186.00
14	Supplying, fitting and fixing Anglo-Indian W.C. in white glazed vitreous china ware of approved make complete in position with necessary bolts, nuts etc. (b) With 'S' trap (with vent)	1.00	Each	3718.25	3718.00
15	Supplying, fitting and fixing 10 litre P.V.C. low-down cistern conforming to I.S. specification with P.V.C. fittings complete,C.I. brackets including two coats of painting to bracket etc.	1.00	Each	1148.16	1148.00
16	Supplying, fitting and fixing Flat back urinal (half stall urinal) in white vitreous chinaware of approved make in position with brass screws on 75 mm X 75 mm X 75 mm wooden blocks complete. (ii) 470 mm X 280 mm X 340 mm	1.00	Each	1068.98	1069.00

17	Supplying, fitting and fixing G.I. pipes of TATA make with all necessary accessories, specials viz. socket, bend, tee, union, cross, elbo, nipple, longscrew, reducing socket, reducing tee, short piece etc. fitted with holder bats clamps, including cutting pipes, making threads, fitting, fixing etc. complete in all respect including cost of all necessary fittings as required, jointing materials and two coats of painting with approved paint in any position above ground. (Payment will be made on the centre line measurements of total pipe line including all specials. No separate payment will be made for accessories, specials. Payment for painting will be made separately) (B) For Concealed Work (b) 20 mm dia. medium quality	10.00	M	300.89	3009.00
18	Supplying, fitting and fixing bib cock or stop cock.				
	(a) (i) Chromium plated Bib Cock short body (Equivalent to Code No. 511 & Model - Tropical / Sumthing Special of ESSCO or similar brand).	1.00	Each	609.71	610.00
	(b) (i) Chromium plated Stop Cock (Equivalent to Code No. 513(A) & 513(B) & Model - Tropical / Sumthing Special of ESSCO or similar	2.00	Each	557.68	1115.00
19	Supplying, fitting and fixing approved brand P.V.C. CONNECTOR white flexible, with both ends coupling with heavy brass C.P. nut, 15 mm dia. (ii) 450 mm long	2.00	Each	92.75	186.00
20	Supplying, fitting and fixing approved brand 32 mm dia. P.V.C. waste pipe, with PVC coupling at one end fitted with necessary clamps. (iv) 1050 mm long	2.00	Each	102.93	206.00
21	Supply of UPVC pipes (B Type) & fittings conforming to IS-13592-1992 (A) (i) Single Socketed 3 Meter Length				
	(b) 110 mm	10.00	M	330.31	3303.00
	x) Bend 87.5° (b) 110 mm	4.00	Each	135.74	543.00
22	Labour for fitting and fixing U.P.V.C. pipes for above ground work including cost of jointing materials etc. fitting and fixing all necessary specials, cutting pipes, cutting holes in walls or R.C. floor where necessary and mending good all damages excluding the cost of masonry or concrete work, if necessary, but including the cost and fitting and fixing holder bat clamps (any floor) or for underground work including cutting trenches upto 1.5 metre and refilling the same complete as per direction of the Engineer-in-charge. (Payment will be made on centre line measurement of the total pipeline including specials. (A) Above ground (ii) 110 mm dia.	10.00	M	64.47	645.00

23	<p>Supplying, fitting and fixing Marble Slab/tile of 15 to 18 mm thickness in floor, lobby, stair, landing & treads etc. over 20 mm (av.) thick base of Cement mortar (1:2) laid with white cement slurry @ 4.4 kg/Sq.m before placing marble & jointed with white cement slurry @ 2.0 kg/Sq.m with necessary pigments including grinding and Granite polishing as per direction of Engineering -in -Charge in Ground Floor. {White cement and Pigment to be supplied by the Agency}.</p> <p>(a) With Makrana plain pink / Adranga Pink / Garbh Gulabi / Udaypur pink / Udaypur Green / Black Bhaslana (iii)</p> <p>Area of each Slab/tile exceeding 0.60 sq.m but not exceeding 1.00 sq.m.</p>	4.35	M2	2149.25	9349.00
24	<p>Supplying, fitting & fixing 1st quality Ceramic tiles in walls and floors to match with the existing work & 4 nos. of key stones (10mm) fixed with araldite at the back of each tile & finishing the joints with white cement mixed with colouring oxide if required to match the colour of tiles including roughening of concrete surface, if necessary or by synthetic adhesive & grout materials etc. (B) Wall</p> <p>With Sand Cement Mortar (1:3) 15 mm thick & 2 mm thick cement slurry at back side of tiles using cement @ 2.91 Kg/Sq.m & joint filling using white cement slurry @ 0.20kg/Sq.m. (b) Area of each tile above 0.09 Sq.m (i) Coloured decorative</p>	14.49	M2	1231.87	17850.00
25	<p>Providing and fixing PVC Door Frame of size 50x47mm with a wall thickness of 5mm (\pm 0.2 mm) made out of single piece extruded PVC profile, with mitred cut joint sand joint with 2 nos. of PVC bracket of size 190 mm x 100 mm long arms of cross section size 35 mm x 15 mm & self driven self tapping screws, the vertical door profiles to be reinforced with 40x20mm M.S. rectangular tube of 0.8 mm , including providing EPDM rubber gasket weather seal throughout the frame, including jointing 5 mm PVC frame strip with PVC solvent cement on the back of the profile. The doorframe to be fixed to the wall using 8 x100mm long anchor fasteners complete, all as per manufacturer"s specification and direction of Engineer -in- charge.</p>	13.05	M	503.38	6569.00

26	<p>Supplying, Fitting & Fixing 30 mm thick both side prelaminate Factory made solid Panel PVC Door Shutter consisting of outer frame made out of M.S. tubes of 19 gauge thickness and size 19 mmx19 mm for styles, top and bottom rails, M.S. frame shall have cost of steel primers of approved make and manufacture, M.S. frame covered with 5 mm th. heat moulded PVC "C" channel of size 30 mm th, 70 mm width out of which 50 mm shall be flat and 20 mm shall be tapered in 45 degree angle on either sides forming styles; and 5 mm th. 95 mm wide PVC sheet out of which 75 mm shall be flat and 20 mm tapered in 45 degree on the inner side to form top & bottom rail and 115 mm wide PVC sheet out of which 75mm shall be flat and 20 mm shall be tapered on both sides to form lock rail. Top, bottom and lock rails shall be provided either side of the panel with 10 mm (5 mmx2) th.,20 mm wide cross PVC sheet as gap insert for top rail and bottom rail sheet to be fitted in the M.S. frame welded/sealed to the styles & rails with 7 mm (5 mm+2 mm) th.x15 mm wide PVC sheet beading on inner side and joined together with solvent cement adhesive. An additional 5 mm th. PVC strip of 20 mm which is to be stuck on the interior side of the "C" channel using PVC solvent adhesive etc. complete excluding all necessary hardware as per direction of Engineer-in-Charge.</p>	4.05	M2	2757.86	11169.00
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Total=Rs.

244279.00

(RUPEES TWO LAKH FORTY FOUR THOUSAND TWO HUNDRADE SEVENTY NINE ONLY)