

DHANYAK JEEVIKA AGRI PRODUCER COMPANY LIMITED

CIN : U01100BR2019PTC042618, GSTIN : 10AAHCD3295L1ZL

(Incorporated under the Companies Act. 2013)

Address : St. Paul School 2nd Floor, Suhird Nagar, Bagha Road

Near Milan Chowk, Begusarai Pin Code - 851218

E-mail. : dhanyakjeevikapcl@gmail.com

INVITATION FOR BIDS

OPEN TENDERING DOCUMENT

(Land development, Land filling, Civil Works and Fabrication)

Of

MUSTARD OIL PROCESSING UNIT, AT INDUSTRIAL GROWTH CENTER,

BIADA, BEGUSARAI

Date: 07.01.2024

Bid No.:- DJAPCL/BGS/944-/23-24

1. Dhanyak Jeevika Agri Producer Company Limited (DJAPCL) Invites Sealed Offers (Eligibility and Price) For **Land Development, Land Filling, Civil Work and Fabrication** for Establishment of Mustard Oil Processing Unit
2. Bidding document may be obtained from the office of Dhanyak Jeevika Agri Producer Company Limited from 07.01.2024 to 08.02.2024 or requested through email. The email for request is dhanyakjeevikapcl@gmail.com. Requesting potential bidder has to mentioned name of the firm with complete address having name, mobile number and email ID.
3. A pre bid meeting will be held on 22.01.2024 from 11:30 AM at the office of Dhanyak Jeevika Agri Producer Company Limited, **St. Paul School 2nd Floor, Suhird Nagar, Bagha, Begusarai-851218**
4. Bids must be accompanied by security of the amount specified for the work in the table below, drawn in favor of Dhanyak Jeevika Agri Producer Company Limited payable at Begusarai. Bid security will have to be in any one of the forms as specified in the bidding document and shall have to be valid for 45 days beyond the validity of the bid. Bids should be valid for 90 days after the deadline date specified for submission.
5. Bids must be delivered to: Dhanyak Jeevika Agri Producer Company Limited, **St. Paul School 2nd Floor, Suhird Nagar, Bagha, Begusarai-851218** on or before 03:00 PM on 08.02.2024 in two separate envelopes, one marked with technical bid and another commercial/financial bid and technical bid will be opened on the same day at 03:30PM, in the presence of the bidders who wish to attend. If the office happens to be closed on the date of receipt of the bids as specified, the bids will be received and opened on the next working day at the same time and venue.
6. Other details can be seen in the bidding document.

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(Incorporated under the Companies Act. 2013)

Address : St. Paul School 2nd Floor, Suhird Nagar, Bagha Road

Near Milan Chowk, Begusarai Pin Code - 851218

E-mail. : dhanyakjeevikapcl@gmail.com

TABLE

Sr. No	Item Details	Particulars
1.	Tender No.	DJAPCL/BGS/944/23-24
2.	Name of work	Land development, land filling, civil work and fabrication for Mustard Oil processing unit at Industrial Growth Center, BIADA, Begusarai, Bihar
3.	Estimated cost put to tender (Rs.)	7,356,844.02- [maximum limit] Any bid received beyond this value be rejected]
2.	BID Security (EMD)	Rs- 147,137/- (One Lakh Forty Seven Thousand One Hundred Thirty seven only) (2% of estimated value)to be paid in the form of Bank Guarantee issued by any scheduled bank favoring Dhanyak Jeevika Agri Producer Company Limited payable at Begusarai. Bidder has to submit the Bank Guarantee in the envelope of technical bid; otherwise, the bid will be treated as non-Responsive.
3.	Contact person/Nodal Officer for queries	Divesh Chandra, CEO, contact no. +91-9065277722, +91- 7766082587 Email: dhanyakjeevikapcl@gmail.com,
4.	Date of Commencement of issuance of bid	07.01.2024 willing bidder may also sent an mail (A mail is required to ask the bid and after requesting it would be sent to the email)
5.	Pre-Bid Meeting	Pre bid meeting will be held on 22.01.2024 on 11:30 AM at Dhanyak Jeevika Agri Producer Company Limited, St. Paul School 2nd Floor, Suhird Nagar, Bagha, Begusarai-851218 Queries may also be sent through email before the pre-bid meeting to dhanyakjeevikapcl@gmail.com. Clarifications, if any, will be communicated through e-mail.
6.	Last Date and Time of Receipt of Technical and Financial bid Document	05.02.2024 dates till 03:00PM time.
7.	Date/ Time for opening Of Bid (Technical Bid)	05.02.2024 at 03:30PM Dhanyak Jeevika Agri Producer Company Limited, St. Paul School 2nd Floor, Suhird Nagar, Bagha, Begusarai-851218. Intending bidder may attend the technical bid opening.
8.	Date/ Time for opening of Bid (Financial Bid)	Will be communicated to the technically qualified bidder through email.

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Sub-Director

Dhanyak Jeevika Agri Producer Company Limited



Instructions to Bidders

SECTION - A

1. Scope of Works

Dhanyak Jeevika Agri Producer Company Limited invites bids for the construction of works as detailed in the table given below

Brief Description of the Works	Approximate value of Works (Rs.)	Period of Completion
(Land development, Land filling, Civil Works and Fabrication) including, if required, the construction of temporary roads, labour hutments, storage sheds, and temporary sanitation as need be from time to time and should be aware of the local issues and to manage such issues for proper and efficient execution of the work of MUSTARD OIL PROCESSING UNIT, AT INDUSTRIAL GROWTH CENTER, BIADA, BEGUSARAI	7,356,844.02+Applicable taxes, duties and other levies	3 months
NOTE:	Intending Bidders are requested to visit the site before submitting their bid. FPC will not make any payment beyond the contract value.	

The successful bidder will be expected to complete the works by the intended completion date specified above.

2.1 Qualification of the bidder: The bidder shall provide qualification information which shall include: -

- Total monetary value of construction works performed for each year of the last 3 years (FY: 2021,2022 & 2023);
- Report on his financial standing; and
- Details of any litigation, current or during the last 3 financial years in which the bidder is involved, the parties concerned and disputed amount or awards in each case.

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d) List of equipment intending to deploy at project site

Sr. No.	Description with full details	No. of Pieces

e) List of technical person to be employed at the project site

Sr. No.	Designation	Technical Qualification	Minimum Experience

3. To qualify for award of the contract the bidder: -

- Should have satisfactorily completed as a prime contractor at least one similar work of value not less than Rs. 75.0 lakh in the last five financial years (2018-19, 2019-20, 2020-21, 2021-22&2022-23). Work Order/Contract Agreement having details of the nature of work with value of the work should be attached.
- Should have achieved in at least one year an annual financial turnover of not less than Rs. 75.00 lakh in the last five financial years (2018-19, 2019-20, 2020-21, 2021-22 & 2022-23); Self certified copy of financial statement should be attached.
- Should possess valid labour license. Self-certified photocopy of license should be submitted.;
- should not have been debarred (or dealings suspended) on the date of bid opening by the Central/State Governments/undertakings. A Notarized undertaking to this effect should be given.
- Should have PAN and registered under GST. Self-certified copy of PAN and GST registration certificate should be submitted.

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3.1 Eligibility - Conflict of Interest*

Any Bidder found to have a conflict of interest shall be disqualified. A Bidder may be considered to have a conflict of interest for the purpose of this bidding process, if the Bidder:

- i. directly or indirectly controls, is controlled by or is under common control with another Bidder; or
- ii. receives or has received any direct or indirect subsidy from another Bidder; or
- iii. has the same legal representative as another Bidder; or
- iv. has a relationship with another Bidder, directly or through common third parties, that puts it in a position to influence the bid of another Bidder, or influence the decisions of the DJAPCL regarding this bidding process; or
- v. any of its affiliates has been hired (or is proposed to be hired) by the bid issuing authority or the agency for the Contract implementation;
- vi. has a close business or family relationship with the concerned professional staff of the project implementing agency.
- vii. All drawings, specification and copies there of furnished by the FPC through its Consultant / Project Head are the property of the Owner. They are not to be used on other work, and with the exception of the signed contract set, are to be returned to the FPC on request on completion of the work. The drawings being confidential information the Contractor shall not make copies or duplicates of the drawings, share the drawings with third party or any other person who is not associated with the Tender.
- viii. All drawings for shuttering and bar Bending schedules and Bending Reinforcement drawings shall be prepared by Contractor based on static calculations made by Project Head. All drawings prepared by the Contractors for shuttering and reinforcement drawings as stated, shall have to be approved by Project Head / FPC before the execution of work.
- ix. All steel fabrication drawings necessary for the execution of job.
- x. In case the Contractor wishes to suggest any alternatives, he has to provide the necessary drawings for the same. These drawings will be checked by Project Head / FPC for approval. In case Project Head / FPC approved or rejects these drawings and alternative thereto, the Contractor shall not be entitled to any claim whatsoever.
- xi. The cost of preparation of all drawings as aforesaid by the Contractor shall be deemed to have been included in his rates quoted and no extra claim on this account shall be entertained.

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4. Bid Price

- a) The contract shall be for the whole works as described in drawings and technical specifications. Corrections, if any, shall be made by crossing out, initialing, dating, and rewriting.
- b) In the case of any of work for which there is no such specification in Technical Specification such work shall be carried out in accordance with the I.S. Specification and in the event of there being no I. S. Specification, then in such case the work shall be carried out in all respects in accordance with the instructions and requirements of the Engineer In charge / Project Head / Owner.
- c) All duties, taxes and other levies payable by the contractor under the contract shall be included in the total price.
- d) The rates quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.
- e) The Bidder shall fill in rates and prices and line item total for all items of the Works described in the Bill of Quantities along with total bid price (both in figures and words). Items for which no rate or price is entered by the Bidder shall be deemed covered by the other rates and prices in the Bill of Quantities.

5. Submission of Bids

- 5.1 The bidder is advised to visit the site of works at his own expense and obtain all information that may be necessary for preparing the bid.
- 5.2 Each bidder shall submit only one bid. Bidders should not contact other competing bidders in matters relating to this bid.
- 5.3 The set of bidding documents comprise of the following:
 - i. Layout Drawings of the works;
 - ii. Detailed Bill of Quantities;
 - iii. Instructions to Bidders (in two sections); and
 - iv. Draft Contract Agreement format which will be used for finalizing the agreement for this Contract.
- 5.4 The bid submitted by the bidder shall comprise the following: -
 - (a) Entire bid document duly signed and stamped.
 - (b) Bid in the format given in Section B.
 - (b) Signed Bill of Quantities; and
 - (c) Qualification information form given in Section B duly completed.
 - (d) Bid Security, in original form:
 - A bank guarantee issued by a nationalized/scheduled bank located in India in the form given in Section B; or

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- Certified cheque or Bank draft payable to Dhanyak Jeevika Agri Producer Company Limited, payable at BEGUSARAI.
- 5.5 The bidder shall seal the bid in an envelope addressed to Dhanyak Jeevika Agri Producer Company Limited. The envelope will also bear the following identification:-
- Bid for Civil Works (Land development, Land filling, Civil work and Fabrication) of **MUSTARD OIL PROCESSING UNIT, AT INDUSTRIAL GROWTH CENTER, BIADA, BEGUSARAI**
 - Do not open before 03:30 PM/ ~~05:00~~...2024 (time and date of bid opening).
- 5.6 Bids must be received in the office of Dhanyak Jeevika Agri Producer Company Limited not later than the time and date given in the letter of invitation. If the specified date is declared a holiday, bids shall be received upto the appointed time on the next working day.
- 5.7 Any bid received by Dhanyak Jeevika Agri Producer Company Limited,(DJAPCL) after the deadline for submission of bids will be rejected and returned unopened to the bidder.
- 5.8 The Tender submitted on behalf of the Company should be signed by the person who has the necessary authority on behalf of the Company to enter into the proposed contract. The Tenderer will provide the necessary supporting document (Power of attorney/Board resolution) evidencing authorization of the said individual to execute the document. Otherwise, the tender may be rejected by the Owner.
- 5.9 A construction programme in the form of Bar chart showing the sequence of operation together with the estimated time for major activities needs to be submitted during submission of the Tender.
- 5.10 Full details of any special methodology or technique the Tenderer proposes to use for execution of work.
- 5.11 The Tenderer's proposals for supervising the work, including the CVs of the various grades of technical & supervisory personnel/other staff proposed to be deployed during the execution period.
- 5.12 Schedules of labour requirements (Labour Histogram) showing category wise break-up of the labour force, for each month of execution period.
- 5.13 Proposal for major work facilities to be erected on the site including workshops, offices, storage areas and testing laboratories.
- 5.14 List of the equipment's to be erected/ installed/deployed at the site for timely completion of the works
- 5.15 Wherever two different rates for the same item of works are quoted the lesser of the two rates will be considered for arriving at the rates of the similar item.

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6. Terms & Conditions

- a) All soil, filth or other matters of any offensive nature taken out of any trench, sewer, drain, cesspool, or other place shall not be deposited on the surface but shall be once be carted away by the Contractor to a safe place as per rules of the appropriate authorities. The Contractor shall keep the foundation and work free from water and shall provide and maintain at his own expenses electrically or other power-driven pumps and other plant to the satisfaction of the DJAPCL for the purpose, until the site is handed over to the DJAPCL. The Contractor shall arrange for the disposal of the water so accumulated to the satisfaction of the DJAPCL and the local authority and no claims will be entertained afterwards if he does not include in his rates for the purpose.
- b) Contractor shall not employ child labour.
- c) The Contractor shall cover up and protect from damage, from any cause, all new work and supply all temporary doors, protection to windows, and any other requisite protection for the execution of the work whether by himself or special tradesman or sub-contractor and any damage caused must be made good by the Contractor at his own expenses.
- d) The Contractor shall abide by all the safety rules and regulations as imposed by the relevant authority as required for work contract from time to time as per relevant Indian Code of Practice.
- e) The Contractor shall keep the DJAPCL and its employees saved harmless and indemnified against claims of any of the workmen and all costs and expenses as may be incurred by the DJAPCL in connection with any claim that may be made by any workman are recoverable from the Contractor.
- f) The Contractor shall be responsible for all injury to the work or workmen, to persons, animal or things and for all damages to the structural and / or decorative part of property which may arise from the operations or neglect of himself or of any Sub-contractor or of any of his or a sub-contractor's employees, whether such injury or damage arise from carelessness, accident or any of his or a sub-contractor's employees, or any other cause whatsoever in any way connected with the carrying out of this contract. The clause shall be held to include any damage to buildings whether immediately adjacent or otherwise and any damage to roads, streets, footpaths, or ways as well as damage caused to the buildings and the work forming the subject of this contract by rain, wind, or other inclemency of the weather. The Contractor shall indemnify the DJAPCL and hold harmless in respect of all and any expenses arising from any such injury or damages to persons or property as aforesaid and also in respect of any claim made in respect of injury or damage under any acts of compensation or damage consequent upon such claim.
- g) In the case of any of work for which there is no such specification in Technical Specification, such work shall be carried out in accordance with the I.S. Specification and in the event of there being no I. S. Specification, then in such case the work shall be carried out in all respects in accordance with the instructions and requirements of the DJAPCL.
- h) The Contractor(s) shall not deposit materials at locations, which will cause inconvenience to the public. The DJAPCL may require the Contractor to remove any materials, which are considered by him to be a danger or inconvenient to the public and cause them to be removed at the Contractor's cost.
- i) The Contractor shall give due notice to the DJAPCL / Project Head whenever any work is to be buried in the earth, concrete or in the bodies of walls or otherwise

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become inaccessible later on, in order that the work may be inspected, and correct dimensions taken before such burial. In default whereof, the same shall, at the option of the Owner/Consultant / Project Head, be either opened for measurements at the Contractor's expense or no payments may be made for such materials. Should any differences or dispute arise after execution of any work as to measurements etc. or other matters which cannot be conveniently tested or checked the records of the DJAPCL shall be accepted as correct and binding on the Contractor.

- j) The DJAPCL shall have the right to take possession of or use any completed or partially completed part of the work. Such possession or use shall not be an accepted of any work not completed in accordance with contract agreement.
- k) The Contractor shall at his own expense arrange to ensure availability of medical attendance promptly when necessary. The contractor shall provide properly equipped first-aid station, in charge of qualified persons at suitable location within easy reach of the workman and staff. The Contractor shall also provide for transport of serious cases to the nearest Hospital. The Contractor shall be responsible for any liability which may be excluded from the insurance policies for all other damages to any person, animal or property arising out of incidental to the negligence or defective carrying out of this contract. The contractor shall also indemnify the DJAPCL in respect of any cost, charges or expenses arising out of any claims or proceedings and also in respect of any award of compensation and damages arising there from.
- l) The Contractor shall at his own expenses provide suitable, prominent, and easily accessible places requisite number of fire extinguishers and buckets – some filled with sand and some with water/carbon.

7. **Validity of Bid**

Bid shall remain valid for a period not less than 90 days after the deadline date specified for submission. If a Bidder withdraws/modifies/substitutes its bid during the period of bid validity specified by the Bidder on the Letter of Bid, the Bid Security may be forfeited.

8. **Opening of Bids**

Bids will be opened in the presence of bidders or their representatives who choose to attend on the date and time and at the place specified in sub-clause 5.6 above.

9. **Information** relating to evaluation of bids and recommendations for the award of contract shall not be disclosed to bidders or any other persons not officially concerned with the process until the award to the successful bidder is announced.

10. **Evaluation of Bids**

10.1 **Correction of Arithmetical Errors**

Bids determined to be substantially responsive shall be checked for any arithmetic errors. Errors shall be corrected as follows:

- (a) where there is a discrepancy between the amounts in figures and in words, the amount in words shall govern;
- (b) where there is a discrepancy between the unit rate and the line-item total resulting from multiplying the unit rate by the quantity, unit rate as quoted shall govern; and

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- (c) the amount stated in the Bid shall be adjusted in accordance with the above procedure for the correction of errors
- (d) If the Bidder does not accept the corrected amount, the Bid shall be rejected, and the Bid Security may be forfeited.

10.2 The DJAPCL will evaluate and compare the bids determined to be substantially responsive i.e. which

- (a) meet the qualification criteria specified in clause 3 above;
- (b) are properly signed; and
- (c) conform to the terms and conditions, specifications, and drawings without material deviations.

11. Award of contract

The DJAPCL will award the contract to the bidder whose bid has been determined to be substantially responsive and who has offered the lowest total evaluated bid price and who meets the specified qualification criteria.

11.1 Notwithstanding the above, the DJAPCL reserves the right to accept or reject any bids and to cancel the bidding process and reject all bids at any time prior to the award of contract.

10.2 The bidder whose bid is accepted will be notified of the award of contract by the DJAPCL prior to expiration of the bid validity period.

11.3 The Bid security of unsuccessful bidders will be returned as promptly as possible upon the successful Bidder's signing the contract and submitting the performance security.

12. Performance Security

Within 07 days of receiving letter of acceptance, the successful bidder shall deliver to Dhanyak Jeevika Agri Producer Company Limited (DJAPCL) the performance security (either a bank guarantee or a bank draft in favour of the DJAPCL) for an amount equivalent of 2% of the contract price. The Performance Security (Bank Guarantee) shall be valid till the expiry of the period of maintenance of the work. Failure of the successful Bidder to furnish performance security and signing the agreement within the period stipulated shall constitute sufficient grounds for annulment of award and forfeiture of the Bid Security, in which case the DJAPCL may make the award to the next lowest evaluated bidder on L1 rate or call for new bids.

13. Defects Liability:

The "Defects Liability Period" for the work is twelve months from the date of taking over possession or one full monsoon season whichever occurs later. During this period, the contractor will be responsible for rectifying any defects in construction free of cost to the DJAPCL.

14. Supply of all construction materials including cement and steel as per the specifications (ISI certification marked goods wherever available) shall be the responsibility of the contractor.

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SECTION - B

1. **Format for Qualification Information.**
2. **Format for Submission of Bid.**
3. **Format of Letter of Acceptance.**

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QUALIFICATION INFORMATION

1 For Individual Bidders

1.1 Principal place of business: _____

Power of attorney of signatory of Bid.
[Attach copy]

1.2 Total value of Civil Engineering Construction work performed in the last three years (in Rs. Lakhs)

2021	_____
2022	_____
2023	_____

1.3 Work performed as prime contractor (in the same name) on works of a similar nature over the last three years.

Project Name	Name of Employer	Description of work	Contract No.	Value of contract (Rs.Lakhs)	Date of issue of work order	Stipulated period of completion	Actual date of completion	Remarks explaining reasons for delay and work completed

Existing commitments and on-going works:

Description of Work	Place & State	Contract No. & Date	Value of Contract (Rs. Lakh)	Stipulated period of completion	Value of works* remaining to be completed (Rs. Lakhs)	Anticipated date of completion
(1)	(2)	(3)	(4)	(5)	(6)	(7)

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1.4 Proposed subcontracts and firms involved.

Sections of the works	Value of Sub-contract	Sub-contractor (name & address)	Experience in similar work*

*NOTE: Self certified photocopy of supporting document should be attached.

1.5 Name, address, and telephone, telex, and fax numbers of the Bidders' bankers who may provide references if contacted by the DJAPCL.

1.6 Information on litigation history in which the Bidder is involved.

Other party(ies)	Employer	Cause of dispute	Amount involved	Remarks showing present status

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BID FORM (1)

Description of the Works: **Land development, land filling, civil works and fabrication for Mustard Oil processing unit at Industrial Growth Center, BIADA, Begusarai, Bihar**

To:

Subject : Construction of.....
.....

Reference : Letter No.....dated.....from.....

Sir,

We have no reservations to the Bidding Documents, and offer to execute the Works described in your letter referred to above in accordance with the Conditions of Contract enclosed therewith at a total Fixed Contract Price of -

Rs.** _____ [in figures]
Rs. _____ [in words].

This bid and your written acceptance of it shall constitute a binding contract between us. We understand that you are not bound to accept the lowest or any bid you receive.

We hereby certify that we have taken steps to ensure that no person acting for us or on our behalf will engage in bribery or collusive arrangements with competitors.

We also undertake that, in competing for (and, if the award is made to us, in executing) the above contract, we will strictly observe the laws against fraud and corruption in force in India on date namely "Prevention of Corruption Act 1988."

We hereby confirm that this bid is valid for 90 days as required in Clause 6 of the Instructions to Bidders.

We meet the eligibility requirements and have no conflict of interest in accordance with ITB.

We have not been debarred/removed from approved list (dealings suspended) by the Central or any State Government.

Yours faithfully,

Authorized Signature : _____ Date: _____

Name & Title of Signatory : _____

Name of Bidder : _____

Address : _____

** To be filled in by the Bidder, together with his particulars and date of submission at the bottom of this Form.

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PRICE FORMAT (2)

CIVIL WORKS

Main Building

SL. NO	SOR CODE NO.	DESCRIPTION	QUANTITY	UNIT	RATE	Transportation etc.	GST in INR	AMOUNT [6 + 7 + 8] x [4]
[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]	[9]
1	2.8.1	Earth work in excavation in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan) including dressing of sides and ramming of bottoms, lift up to 1.5 m. including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m. ALL KINDS OF SOIL.	80.270	Cum	360.70			
2	2.26	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20 cm in depth: consolidating each deposited layer by ramming and watering lead.	660.000	Cum	123.90			

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3	2.28	Supplying and Filling in plinth with local sand and under floors including, watering, ramming consolidating and dressing complete.					
			226.000	Cum	287.30		
4	11.72	Providing designation 100 A one brick flat soling joints filled with local sand including cost of watering, taxes, royalty all complete as per building specification and direction of E/I.					
			577.00	Sqm	283.30		
5	5.1.2	Reinforced cement concrete work in wall (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts, etc. Up to floor five level excluding cost of centring, shuttering, finishing and reinforcement. 1:1:2(1 cement: 1 coarse sand: 2 graded stone aggregate 20mm nominal size) with Curing.					
		Grade - M 25	182.000	Cum	10345.57		
6		VDF(Vacuum Dewatering Concrete Flooring) Finishing all complete with machine.	288.560	Sqm	100.00		

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7		Cutting groove in concrete floor as per details drawings with concrete floor cutter including cleaning etc. complete. 1.(Size - 6 X 15 mm)	118.000	R.Mt	100.00			
8		Providing and filling MMET semi-rigid epoxy joint filler of 'MetzerMejuire' make or Equivalent in saw cut Joint with wire brush, providing bond breaker wherever necessary, filling the joint with sealant, sanding the same properly to give proper level etc. complete. (Joint filling shall be strictly carried out as per manufacturer's instruction only.)						
		A) Joint Filling size - 06 mm wide X 15 mm deep.	110.000	R.Mt	250.00			
9		Providing and casting in situ non-shrink grout of 'Sika' or Fosroc' make as per manufactures specification including all materials tools and plants shuttering mixing and pouring at specified consistency cleaning and curing etc. complete.	0.012	Cum	6500.00			
10	10.42	Fitting and fixing anchor bolts including nuts and washers complete.	110.000	Pcs.	50.00			

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11	5.9.5	Centring and shuttering including strutting, propping etc. and removal of form for. Lintels, beams, plinth beams, girders, bressummers and cantilevers.					
			352.620	Sqm	404.70		
12	5.9.6	Centring and shuttering including strutting, propping etc. and removal of form for. Columns, Pillars, Piers, Abutments, Posts and Struts.					
			156.000	Sqm	494.40		
13	5.22	Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete.					
			652.250	Kg	94.50		
14	6.1.14 A	Brick work with bricks of class designation 100A in foundations and plinth in : Cement mortar 1:6 (1 cement: 6 coarse sand) with Curing.					
		Below of F.F.L.	32.230	Cum	5673.40		
15	6.18.4A	Half brick masonry with bricks of class designation 100A in foundations and plinth in: Cement mortar 1:4 (1 cement: 4 coarse send)					
			422.43				



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अन्वय १५१ अक्षर २४
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	6.19A	Extra for half Brick masonry in superstructure above plinth level upto floor V level.	422.43					
		Less for door & window opening-:	10.07					
		Above of F.F.L. Upto 3M	337.61	Sqm	689.00			
16	13.20	18 mm cement plaster extra for providing and mixing water proofing material with Curing in two coats under layer 12 mm thick cement plaster 1:5 (1 cement :5 coarse sand) and top layer 6 mm thick, cement plaster 1:3 (1 cement: 3 coarse sand) finished rough with sponge.						
		Outer wall						
		Less for door & window opening-:						
			352.200	Sqm	272.68			
17	13.11.4	Cement plaster in course san 12 mm cement plaster of mix: 1:6(1cement: 6 coarse sand) with Curing.						
		Inner wall						
		Less for door & window opening-:						
			378.865	Sqm	157.74			

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 106.1
 747.06
 55.071

18	13.79.1	Finishing walls with water proofing cement paint of approved brand and manufacture and of required shade to give an even shade New work (three or more coats)					
		Outer and Inner wall					
		Less for door & window opening-:					
			747.06	Sqm	81.20		
19	10.6.1	Supplying and fixing-rolling shutters of approved make. Made of required size of M.S. laths inter locked together through their entire length and jointed together at the end-by-end locks mounted on specially designed pipe shaft with brackets, side guides and arrangements for inside and outside locking with push and pull operation complete including the cost of providing and fixing necessary 27.5 cm long wire springs grade no. 2 and M.S. top cover of required thickness for rolling shutters.					
		80x1.25mm M.S. Laths with 1.25mm thick top cover.					
		Eight Nos. of Rolling Shutters	55.071	Sqm	2673.70		



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20		Providing Polyvinyl chloride door 30mm thick and 300x300mm glass panel with all accessories fitted and fixed all complete.						
		Eleven Nos. of Door						
			22.295	Sqm	4410.00			
21	21.3	Providing and fixing glazing in aluminum door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge. (Cost of Aluminum snap beading shall be paid in basic item):						
	21.3.3	With float glass panes of 8 mm thickness						
		Seven Nos. of Windows	8.73	Sqm	1285.60			
22	13.94.1	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade: Two or more coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture.						
			123.000	Sqm	116.50			



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23 26.26.2 0.00



23	26.26.2	Providing & fixing false ceiling at all heights with GRG (Glass Fiber Reinforced Gypsum) false ceiling tiles of Size 595x595 mm of approved texture, design and patterns having moisture content less than 2%, humidity resistance of 99%, NRC0.50 to 0.75 as per IS 8225:1987, Noncombustible as per BS 476 (part 4)-1970 and light reflectance of 85% (minimum) to be laid in true horizontal level suspended on inter-locking metal T-Grid of hot dipped galvanized iron section of 0.33mm thick (galvanized @ 120 grams per sqm including both sides) comprising of main-T runners of size 15x32 mm of length 3000 mm, cross - T of size 15x32 mm of length 1200 mm and secondary intermediate cross-T of size 15x32 mm of length 600mm to form grid module of size 600 x 600 mm, suspended from ceiling using galvanized mild steel items (galvanizing '@ 80 grams per sqm) i.e. 50 mm long, 8 mm outer diameter M-6 dash fasteners, 6 mm dia fully					0.00
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		threaded hanger rod upto 1000 mm length and L-shape level adjuster of size 85x25x2 mm. Galvanized iron perimeter wall angle of size 24x24x0.40 mm of length 3000 mm to be fixed on periphery wall / partition with the help of plastic raw plugs at 450 mm center to center and 40 mm long dry wall wood screws. The work shall be carried out as per specifications, drawing and as per directions of the Engineer-in- Charge.						
		With fully perforated 12 mm thick micro regular edged or 10 mm thick square edged GRG false ceiling tiles.	26.094	Sqm	1517.40			
24	10.1	Structural steel work in single section fixed without connecting plate including cutting. Hoisting, fixing in position and applying a priming coat of approved steel primer all complete.						
		150x75 Joist @ 19.68Kg per metre	404.42					
		150x75 Joist @ 19.68Kg per metre	419.18					
		Truss Frame	1386.00					

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25
 12.1.3
 12.2
 12.13



		Truss Frame	560.00				
		Purling 50 mm pipe @21 Kg per Pcs.	965.96				
		Purling 50 mm pipe @21 Kg per Pcs.	339.08				
		38mm horizontals pipes in wall@10 Kg per pcs.	524.50				
			4599.14	Kg	88.30		
25	12.1.3	Providing corrugated G.S. Sheet rolling G.I.J. or hooks, bolts and nuts 8mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with lead and including a coat of approved steel primer and two coats of approved paint on over lapping of sheets complete (upto a pitch of 60) excluding the cost or purlins, rafters and trusses.					
		0.63 mm thick with zinc coating not less than 275 gm/m2					
	12.2	Extra for providing and fixing corrugated G. S. sheets vertically or to a pitch exceeding 60					
		Less for door opening-:					
			650.63	Sqm	1268.40		
26	12.13	Extra for providing and fixing wind ties of 40x6mm flat iron section.					

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 प्र. १३
 प्र. १४
 प्र. १५

			77.86	M	147.80		
BOUNDARY WALL							
1	2.8.1	Earth work in excavation in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan) including dressing of sides and ramming of bottoms, lift up to 1.5 m .including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m. ALL KINDS OF SOIL.					
			138.20	Cum	360.70		
2	2.26	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20 cm in depth: consolidating each deposited layer by ramming and watering lead.	115.16	Cum	123.90		
3	6.1.14 A	Brick work with bricks of class designation 100A in foundations and plinth in: Cement mortar 1:6 (1 cement: 6 coarse sand)	17.58	Cum	4819.90		
4	6.1.14 A	Brick work with bricks of class designation 100A in foundations and plinth in: Cement mortar 1:6 (1 cement: 6 coarse sand)					



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अनुसूची संशोधन के अर्थात्

	6.3.A	Extra for Brick work in superstructure above plinth level up to floor V cum						
			20.01	Cum	5662.10			
5	5.2.2	Reinforced cement concrete work in wall (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts, etc. Up to floor five level excluding cost of centring, shuttering, finishing and reinforcement. 1:1:5:3(1 cement: 1.5 coarse sand:3 graded stone aggregate 20mm nominal size)						
		Coping Beam	2.82	Cum	5670.00			
6	5.22	Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete.	662.20	kg	94.50			
7	10.1	Structural steel work in single section fixed without connecting plate including cutting. Hoisting, fixing in position and applying a priming coat of approved steel primer all complete.						
		50mm verticals pipes in wall @21Kg per Pcs.	434.00					



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अनु १११ के अंतर्गत कार्य

		38mm horizontals pipes in wall@10 Kg per pcs.	500.66				
			934.66	Kg	88.30		
8	12.1.3	Providing corrugated G.S. Sheet rolling G.I.J. or hooks, bolts and nuts 8mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with lead and including a coat of approved steel primer and two coats of approved paint on over lapping of sheets complete (upto a pitch of 60) excluding the cost of purlins, rafters and trusses.					
		0.63 mm thick with zinc coating not less than 275 gm/m ²					
	12.2	Extra for providing and fixing corrugated G. S. sheets vertically or to a pitch exceeding 60					
			229.06	Sqm	1268.40		
9	13.11.4	Cement plaster in course san 12 mm cement plaster of mix: 1:6(1cement: 6 coarse sand)					
			91.62	Sqm	141.50		
10	13.79.1	Finishing walls with water proofing cement paint of approved brand and manufacture and of required shade to give an even shade New work (three or more coats)					

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अनुसूची 521 में वर्णित कार्य

			91.62	Sqm	81.20			
11	13.94.1	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade: Two or more coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture.						
			49.00	Sqm	116.50			
12	5.9.5	Centring and shuttering including strutting, propping etc. and removal of form for. Lintels, beams, plinth bams, griders, bressumers and cantilevers.	22.53	Sqm	404.70			
13		Supplying and fitting fixing Iron Gate with all materials and accessories fitted and fixed all complete work as per specification and direction of E/I.						
		Gate Size - 6.10 X 2.13	300.00	Kg	88.30			
EARTH WORK								
1	2.28	Supplying and Filling in plinth with local sand and under floors including, watering, ramming consolidating and dressing complete.						



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		Total area of plot - 1520.73 Sq.Mt. Net filling area 1520.73 Sqm x 1.4(H) = 1855.29 Cum	2129.02	CUM	287.30			
SECURITY GUARD								
1	20.3A.1	Making 25 cm (10") dia bore up to 4 mtr depth below ground with hand auger of approved quality in ordinary soil (vide classification of soil item A) true to plumb and without eccentric city in any stage of operation and disposal of the excavated earth up to 50 mtr , Lead in eluding all lifts, all complete as per approved design and direction of E/I Details of cost for 4 piles of 4 m= 16 mtrs depth)						
			22.50	Metre	178.30			
2	20.3A.2	63 CM (25) UNDER -REAM Making 63 cm (25) dia under ream at required with hand auger of approved quality in ordinary soil (vide classification of soil item - A) true to plumb and without eccentric city in my stage of operation and disposal of the excavated earth up to 50 mts lead including all lifts, all complete as per approved design and direction of (E/I)	4.00	Each	190.20			

अनुसूची 1 अली देवी सुन्नी देवी



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3	5.1.2	Providing and laying in position specified grade of reinforced cement concrete excluding the cost of centring, shuttering, finishing and reinforcement-All work up to plinth level 1:1:5:3(1 cement: 1.5 coarse sand:3 graded stone aggregate 20 mm nominal size)						
		Pile + Under Ream						
			1.18	Cum	4688.30			
4	2.8.1	Earth work in excavation in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan) including dressing of sides and ramming of bottoms, lift up to 1.5 m .including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m. ALL KINDS OF SOIL.	22.50	Cum	360.70			
5	2.26	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20 cm in depth: consolidating each deposited layer by ramming and watering lead.	0.85	Cum	123.90			

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जली देवी मुन्नी देवी



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6	2.28	Supplying and Filling in plinth with local sand and under floors including, watering, ramming consolidating and dressing complete.					
			1.18	Cum	287.30		
7	11.72	Providing designation 100 A one brick flat soling joints filled with local sand including cost of watering, taxes, royalty all complete as per building specification and direction of E/I.					
			6.97	Sqm	283.30		
8	5.2.2	Reinforced cement concrete work in wall (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts, etc. Up to floor five level excluding cost of centring, shuttering, finishing and reinforcement. 1:1:5:3(1 cement: 1.5 coarse sand:3 graded stone aggregate 20mm nominal size)					
		Cap Beam	0.714	Cum	5670.00		

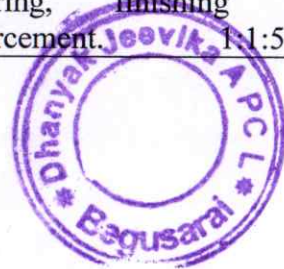
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9	6.1.14 A	Brick work with bricks of class designation 100A in foundations and plinth in: Cement mortar 1:6 (1 cement: 6 coarse sand)						
			0.857	Cum	4819.90			
10	4.11	Providing and laying damp-proof Course 50 mm thick with cement concrete 1:2:4(1cement: 2:2 coarse sand :4 graded stone aggregate 20mm nominal size)	2.86	Sqm	245.60			
11	6.18.4A	Half brick masonry with bricks of class designation 100A in foundations and plinth in: Cement mortar 1:4 (1 cement: 4 coarse send)						
	6.19A	Extra for half Brick masonry in superstructure above plinth level upto floor V level.						
		Less for door & window opening.						
			25.86	Sqm	689.00			
12	5.2.2	Reinforced cement concrete work in wall (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts, etc. Up to floor five level excluding cost of centring, shuttering, finishing and reinforcement. 1:1:5:3(1						

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		cement: 1.5 coarse sand:3 graded stone aggregate 20mm nominal size)					
		Columns					
		Lintel					
		Roof					
			2.28	Cum	5670.00		
13	4.4.1	Providing and faying cement concrete in kerbs, steps and the like at or near ground level excluding the cost of centring, shuttering and finishing. 1:2:4 (1 Cement :2 coarse sand :4 grade stone aggregate 20 mm nominal size)					
			0.56	Cum	3998.10		
14	11.3.1	Cement concrete flooring 1:2:4(1 cement:2 coarse: sand:4 graded stone aggregate) finished with a floating coat of neat cement including cement slurry, etc. but excluding the cost of nosing of steps etc. complete. 40 mm thick with 20 mm nominal size stone aggregate.					
			4.37	Sqm	289.10		
15	13.11.4	Cement plaster in course san 12 mm cement plaster of mix: 1:6(1cement: 6 coarse sand)					
		Less for door & window					

कंपन १२ जुली २०१६ सुन्नी देवी



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		opening:-						
			65.30	Sqm	141.50			
16	13.24.2	6 mm cement plaster to ceiling of mix: 1:4(1cement: 4 coarse sand)						
			4.37	Sqm	125.60			
17	5.22	Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete.	417.30	Kg	94.50			
18	5.9.5	Centring and shuttering including strutting, propping etc. and removal of form for. Lintels, beams, plinth bams, griders, bressumers and cantilevers.	5.71	Sqm	404.70			
19	5.9.6	Centring and shuttering including strutting, propping etc. and removal of form for. Columns, Pillars, Piers, Abutments, Posts and Struts.						
			16.13	Sqm	494.40			
20	13.79.1	Finishing walls with water proofing cement paint of approved brand and manufacture and of required shade to give an even shade New work (three or more coats)						
		Less for door & window opening.						
			74.23	Sqm	81.20			

अथर्व सिंह जूली देवी सुब्बनी देवी



Phanda

21	10.12.1	Providing and fixing steel glazed doors, windows and ventilators of standard rolled steel sections, joints mitred and welded with 15x3 mm lugs 10 cm long with steel lugs embedded in cement concrete blocks 15x10x10 cm of 1:3:6(1 cement: 3 coarse sand : 6 graded stone aggregate 20 mm nominal size) or with wooden plugs and screws or rawl plugs and screws or with fixing clips or with bolts and nuts as required, including providing and fixing of glass panes with glazing clips and special metal-sash putty of approved make complete including applying a priming coat of approved steel primer; excluding the cost of metal beading and other fitting except necessary hinges or pivots as required.					
		Door	1.62	Sqm	3038.90		
22	13.94.1	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade: Two or more coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture.					

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			7.40	Sqm	116.50			
TOILET COMPLEX								
1	20.3A.1	Making 25 cm (10") dia bore up to 4 mtr depth below ground with hand auger of approved quality in ordinary soil (vide classification of soil item A) true to plumb and without eccentric city in any stage of operation and disposal of the excavated earth up to 50 mtr , Lead in eluding all lifts, all complete as per approved design and direction of E/I Details of cost for 4 piles of 4 m= 16 mtrs depth)	24.00	Metre	178.30			
2	20.3A.2	63 CM (25) UNDER -REAM Making 63 cm (25) dia under ream at required with hand auger of approved quality in ordinary soil (vide classification of soil item - A) true to plumb and without eccentric city in my stage of operation and disposal of the excavated earth up to 50 mts lead including all lifts, all complete as per approved design and direction of (E/I)	8.00	Each	190.20			

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3	2.8.1	Earth work in excavation in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan) including dressing of sides and ramming of bottoms, lift up to 1.5 m .including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m. ALL KINDS OF SOIL.	8.50					
			1.26	Cum	360.70			
4	2.26	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20 cm in depth: consolidating each deposited layer by ramming and watering lead.	1.26	Cum	123.90			
5	2.28	Supplying and Filling in plinth with local sand and under floors including, watering, ramming consolidating and dressing complete.	1.95	Cum	287.30			
6	11.72	Providing designation 100 A one brick flat soling joints filled with local sand including cost of watering, taxes, royalty all complete as per building specification and direction of E/I.						

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जखी देवी मुन्नी देवी



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			8.76	Sqm	283.30			
7	5.2.2	Reinforced cement concrete work in wall (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts, etc. Up to floor five level excluding cost of centring, shuttering, finishing and reinforcement. 1:1:5:3(1 cement: 1.5 coarse sand:3 graded stone aggregate 20mm nominal size)						
		Cap Beam						
			1.250	Cum	5670.00			
8	6.1.14 A	Brick work with bricks of class designation 100A in foundations and plinth in : Cement mortar 1:6 (1 cement: 6 coarse sand)						
			2.70	Cum	4819.90			
9	4.11	Providing and laying damp-proof Course 50 mm thick with cement concrete 1:2:4(1cement: 2:2 coarse sand :4 graded stone aggregate 20mm nominal size)						
			2.67	Sqm	245.60			
10	6.18.4A	Half brick masonry with bricks of class designation 100A in foundations and plinth in: Cement mortar 1:4 (1 cement: 4						

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जुली देवी मुन्नी देवी



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		coarse sand)						
	6.19A	Extra for half Brick masonry in superstructure above plinth level upto floor V level.						
		Less for door & window opening:-						
			32.42	Sqm	689.00			
11	5.2.2	Reinforced cement concrete work in wall (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts, etc. Up to floor five level excluding cost of centring, shuttering, finishing and reinforcement. 1:1:5:3(1 cement: 1.5 coarse sand:3 graded stone aggregate 20mm nominal size)						
			2.38	Cum	5670.00			
12	13.11.4	Cement plaster in course san 12 mm cement plaster of mix: 1:6(1cement: 6 coarse sand)						
		Less for door & window opening.						

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			77.04	Sqm	141.50			
13	13.24.2	6 mm cement plaster to ceiling of mix: 1:4(1cement: 4 coarse sand)						
			8.76	Sqm	125.60			
14	13.79.1	Finishing walls with water proofing cement paint of approved brand and manufacture and of required shade to give an even shade New work (three or more coats)						
		Less for door & window opening:-						0.00
			85.80	Sqm	81.20			6966.58
15	4.4.1	Providing and faying cement concrete in kerbs, steps and the like at or near ground level excluding the cost of centring, shuttering and finishing. 1:2:4 (1 Cement :2 coarse sand :4 grade stone aggregate 20 mm nominal size)						0.00
			0.75	Cum	3998.10			2998.58
16	11.3.1	Cement concrete flooring 1:2:4(1 cement:2 coarse: sand:4 graded stone aggregate) finished with a floating coat of neat cement including cement slurry, etc. but excluding the cost of nosing of steps etc. complete. 40 mm thick with 20 mm nominal size stone aggregate.						0.00

कंसल्टिंग एंड आर्किटेक्चरल सर्विस प्रोवाइडर्स प्राइवेट लिमिटेड



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			6.78	Sqm	289.10		1960.16
17	5.22	Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete.	521.70	Kg	96.70		50448.39
18		Providing door and window with fitted and fixed all complete.					0.00
		Plastic. D -0.76 X 2.13	3	Each	4235.00		12705.00
		Plastic. V-0.45 X 0.61	3	Each	544.50		1633.50
19	5.9.3	Centring and shuttering including strutting, propping etc. And removal of form for. Suspended floors, roots, landings, balconies and access platform.					0.00
			7.82	Sqm	437.50		3419.50
20	5.9.6	Centring and shuttering including strutting, propping etc. and removal of form for. Columns, Pillars, Piers, Abutments, Posts and Struts.					0.00
			20.82	Sqm	494.40		10291.03
SEPTIC TANK							

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1	2.8.1	Earth work in excavation in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan) including dressing of sides and ramming of bottoms, lift to 1.5 m. including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m. ALL KINDS OF SOIL.					
		Tank- $3.96 \times 2.13 + 4.88 \times 3.05 / 2 = 11.65$					
		Chamber					
			29.364	Cum	360.70		10591.59
2	2.28	Supplying and Filling in plinth with local sand and under floors including, watering, ramming consolidating and dressing complete.					
		Tank					
		Chamber					
			1.339	Cum	287.30		384.69
3	11.72	Providing designation 100 A one brick flat soling joints filled with local sand including cost of watering, taxes, royalty all complete as per building specification and direction of E/I.					

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		Tank					
		Chamber					
			8.928	Sqm	283.30		2529.30
4	5.2.2	Reinforced cement concrete work in wall (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts, etc. Up to floor five level excluding cost of centering, shuttering, finishing and reinforcement. 1:1:5:3(1 cement: 1.5 coarse sand:3 graded stone aggregate 20mm nominal size)					
		Tank					
		Chamber					
			0.893	Cum	5670.00		5063.31
5	6.1.12/1	Brick work with bricks of class designation 100A in foundations and plinth in : Cement mortar 1 :4 (1 cement: 4 coarse sand)					
		Tank					
		Chamber					
			5.889	Cum	5017.90		29550.41

अंशक ३८९

जुली देवी खन्नी देवी

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6	6.18.4A	Half brick masonry with bricks of class designation 100A in foundations and plinth in: Cement mortar 1:4 (1 cement: 4 coarse sand)						
		Tank	4.165	Sqm	599.30			2496.08
7	13.13.2	20mm cement plaster of mix; 1:4(1cement:4coarse sand).						
	13.36.6	Extra for providing and mixing water proofing material in proportion recommended by the manufacturers: 20 mm cement plaster 1:4(1 cement: 4 sand)						
			39.542	Sqm	220.00			8699.24
8	13.26	Neat cement punning.	39.542	Sqm	40.50			1601.45
9	5.2.2	Reinforced cement concrete work in wall (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts, etc. Up to floor five level excluding cost of centring, shuttering, finishing and reinforcement. 1:1:5:3(1 cement: 1.5 coarse sand:3 graded stone aggregate 20mm nominal size)						
			0.932	Cum	5670.00			5284.44

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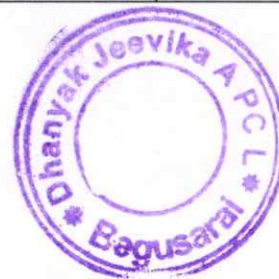
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10	5.22	Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete.	105.00	Kg	94.50		9922.50
11	5.9.3	Centring and shuttering including strutting, propping etc. and removal of form for. Suspended floors, roofs, landings, balconies, and access platform.	7.84	Sqm	437.50		3430.00
12	LS	M S chamber cover of septic tank.	5.00	Each	1584.00		7920.00
13		Providing and fitting fixing 4" dia P.V.C -T 4 No.,Band 1no.,15' Pipe.					2400.00
		Soak pit of 2.13 dia and 4.57 depth with inspection chamber.					
14	2.8.1	Earth work in excavation in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan) including dressing of sides and ramming of bottoms, lift up to 1.5 m .including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m. ALL KINDS OF SOIL.					
			24.06	Cum	360.70		8678.44

अंशक १२१ अली देवी मुन्नी देवी



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15	6.1.12/1	Brick work with bricks of class designation 100A in foundations and plinth in : Cement mortar 1 :4 (1 cement: 4 coarse sand)	1.46	Cum	5017.90		7326.13
16	6.18.4A	Half brick masonry with bricks of class designation 100A in foundations and plinth in: Cement mortar 1:4 (1 cement: 4 coarse send)	5.56	Sqm	599.30		3332.11
17	5.2.2	Reinforced cement concrete work in wall (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts, etc. Up to floor five level excluding cost of centring, shuttering, finishing and reinforcement. 1:1:5:3(1 cement: 1.5 coarse sand:3 graded stone aggregate 20mm nominal size)					
			0.052	Cum	5670.00		294.84
18	5.22	Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete.	90	Kg	94.50		8505.00
19	L S	Suppying and filling brick ballast.	21.68	Cum	600.00		13008.00
					Total:-		188500.00

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ROAD WORK							
1	11.77	Providing and laying 60 mm thick factory-made cement concrete interlocking paver block of M -30 grade made by block making machine with strong vibratory compaction, of approved size, design & shape, laid in required colors and pattern over and including 50 mm thick compacted bed of coarse sand, filling the joints with fine sand etc. all complete as per the direction of Engineer-in-charge.	1169.900	Sqm	721.10		843614.89
DRAINAGE WORK							
1		Providing 250mm wide brick drain in cement mortar (1:6) with av. 150mm. Clear depth and 250mm apron including cost of E/W. involved with 75mm cement concrete (1:4:8) over one brick designation 100-A flat soling in proper grade and slope at the base. The drain duly. Plastered in CM. (1:3) with punning over exposed surface all complete as per building specification and direction of E/I,	119.70	Per M	1001.33		

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PHE WORKS

1	18.49.1	Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931 : (15mm nominal bore	Each	18.00				
2	18.51	Providing and fixing C.P. brass long body bib cock of approved quality conforming to IS standards and weighing not less than 690 gms. 15 mm nominal bore	Each	15.00				
3	18.52	Providing and fixing C.P. brass stop cock (concealed) of standard design and of approved make confirming to IS:8931						
		15 mm nominal bore	Each	35.00				
4	18.21	Providing and fixing PVC connection pipe with brass unions						
	18.21.2	45 cm length						
	18.21.2.1	15 mm nominal bore	Each	25.00				
5	18.53	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931 a) 15 mm nominal bore						
	18.53.1	15mm nominal bore	Each	15.00				
6		Supplying fitting and fixing the following items complete with all materials as per specifications and direction of E/I						
a	17.33	Providing and fixing 600x120x5mm glass shelf with edges round of supported on anodized aluminum angle frame with C.P brass brackets	Each	12.00				

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		and guard rail complete fixed with 40mm long screws, rawl plugs etc., complete						
b	17.31	Providing and fixing 600 x 450 mm bevelled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete	Each	12.00				
c	17.73	Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fittings arrangement of approved quality and colour.						
	17.73.2	600 mm long towel rail with total length of 645 mm, width 78 mm and effective height of 88 mm, weighing not less than 190 gms	Each	14.00				
d	17.34	Providing and fixing toilet paper holder						
	17.34.1	C.P. brass	Each	11.00				
7	18.1	Providing and fixing G.I pipes complete with G.I fittings and clamps, including and making good the wall etc. (internal work)						
		Exposed on wall						
	18.10.2	20 mm dia nominal bore	Metre	45.00				
	18.10.3	25 mm dia nominal bore	Metre	45.00				
	18.10.4	32 mm dia nominal bore	Metre	35.00				
	18.10.5	40 mm dia nominal bore	Metre	45.00				
8	18.11	Providing and fixing G.I. concealed pipe including painting with anti-corrosive bitumastic paint, cutting chases and making good the wall						

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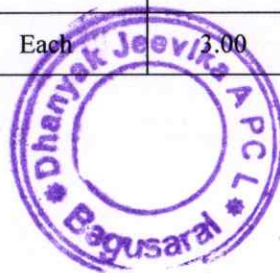


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	18.11.1	15 mm dia nominal bore	Metre	60.00				
	18.11.2	20 mm dia nominal bore	Metre	40.00				
9	18.38.	Painting G.I. pipes and fittings with synthetic enamel white paint with two coats over a ready mixed priming coat, both of approved quality for new work.						
	18.38.2	20 mm dia nominal bore	Metre	25.00				
	18.38.3	25 mm dia nominal bore	Metre	20.00				
	18.38.4	32 mm dia nominal bore	Metre	15.00				
	18.38.5	40 mm dia nominal bore	Metre	30.00				
10	PHED 1.9	Providing and fixing brass gate valve with C.I wheel of approved quality (screwed end)						
	1.9.4	32mm nominal bore	Each	4.00				
	1.9.5	40 mm nominal bore	Each	2.00				
11	17.28	Providing and fixing P.V.C waste pipe for sink or wash basin including P.V.C waste fittings complete.						
	17.28.1	semi rigid pipe						
	17.28.1.1	32mm dia	Each	15.00				
II- SANITARY INSTALLATION								
12	17.1	Providing and fixing water closet squatting pan (Indian type W.C pan) with 100 mm P or S -trap 10 litre low level white P.V.C flushing cistern with manually controlled device (handle lever) conforming to IS:7231, with all fittings and fixtures complete including cutting and making good the walls and floors wherever required.						
	17.1.1	White Vitreous china Orissa patterns W.C pan of size 580 mm x 440 mm	Each	3.00				

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		with integral type foot rest.					
13	M.R.	Providing and fixing white colour vitreous china wall mounted European type water closet DUNE Cat. No. 120516 mounting Constellation with seat cover and accessories, Pipe work Concealed behind wall & Cast iron Chair Bracket and Rag Bolts flush bend, overflow arrangement with specials of standard make and mosquito proof coupling of approved municipal design complete including painting of fittings and brackets , cutting and making good the walls and floors wherever required: (Hinware /Shera / Parryware&equiveelent make)					
		W.C. pan with ISI marked white solid plastic seat	Each	8.00			
14	M.R.	Providing and fixing white coloured counter Top Wash Basin all complete inclusive of taxes and royalty as per specification and direction of Engineer-in-charge. (Hinware /Shera / Parryware&equiveelent make)	Each	12.00			
15	17.8	Providing and fixing white vitreous china battery based infrared sensor operated urinal of approx. size 610 x 390 x 370 mm having pre &post flushing with water (250 ml & 500 ml consumption), having water inlet from back side, including fixing to wall with suitable brackets all as per manufacturers specification and direction of Engineer-in-charge.	Each	12.00			
16	17.1	Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per IS: 13983 with C.I.					

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		brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required:						
	17.10.1.3	510x1040 mm bowl depth 200 mm	Each	3.00				
17	12.78.2	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS: 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 110 mm gap for thermal expansion, (i) Single socketed pipes.	Metre	276.00				
18	12.79	Providing and fixing on wall face unplasticised -PVC moulded fittings/accessories for unplasticised -Riging PVC pipes conforming to IS:4985 including jointing with seal ring conforming to IS: 5382 leaving 10mm gap for thermal expansion.						
A	12.79.3.2	Single tee with door						
		110 x 110x 110 mm	Each	10.00				
B	12.79.4	single tee without door						
	12.79.4.2	110 x 110x 110 mm	Each	24.00				
C	12.79.5.2	Bend						
	12.79.5.2	110 mm bend	Each	72.00				
D	12.8	Providing and fixing unplasticised -PVC pipe clips of approved design to unplasticised-PVC rain water pipes by means of 50 x 50 x 50mm hard wood plugs, screwed with M.s screws of required length including cutting brick work and fixing in cement mortar 1;4 (1 cement: 4 coarse sand) and making good the wall etc. complete.110 mm						

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19	17.60	Providing and fixing trap of self-cleansing design with screwed down or hinged grating with or without vent arm complete, including cost of cutting and making good the walls and floors.						
	17.60.1	100 mm inlet and 100 mm outlet	Each	20.00				
III - SEWERAGE								
20	19.6	Providing and laying non-pressure NP ₂ class (light duty) R.C.C pipes with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement: 2 fine sand) including testing of joints etc. complete.						
	19.6.2	150 mm dia R.C.C pipe	Metre	60.00				
		All kinds of soil						
		Pipes, cables etc. exceeding 80 mm dia. but not exceeding 300 mm dia.	Metre	60.00				
21 (a)	19.7	Constructing brick masonry manhole with 75 class designation bricks in cement mortar 1:4 (1 cement: 4 coarse sand) R.C.C top slab with 1:2:4 mix (1 cement: 2 coarse sand: 4 graded stone aggregate 20mm nominal size), foundation concrete 1:4:8 mix (1 cement: 4 coarse sand: 8 graded stone aggregate 40mm nominal size) inside plastering 12mm thick with cement mortar 1:3 (1 cement: 3 coarse sand) finished with floating coat of neat cement and making channels in cement concrete 1:2:4 (1 cement: 2 coarse sand: 4 graded stone aggregate 20mm nominal size) finished with a floating coat of neat cement complete as per standard design:						

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	19.7.1	Inside size 90x80 cm and 45 cm deep including C.I cover with frame (light duty) 455 x 610mm internal dimensions, total weight of cover and frame to be not less than 38 kg (weight of cover 23 kg and weight of frame of 15 kg)						
	19.7.1.1	With F.P.S bricks	Each	8.00				
(b)	19.7.2	Inside size 120 x 90cm deep including C.I cover with frame (medium duty) 500mm internal diameter, total weight of cover and frame to be not less than 116 kg (weight of cover 58 kg and weight of frame 58 kg.)						
	19.7.2.1	With F.P.S Bricks	Each	5.00				
22	19.4	Providing and fixing square-mouth S.W gully trap grade 'A' complete with C.I grating brick masonry chamber with water tight C.I cover with frame of 300 x 300mm size (inside) the weight of cover to be not less than 4.50 kg and frame to be not less than 2.70 kg as per standard design.						
	19.4.3	180 x 150mm size P type						
	19.4.3.1	With F.P.S Bricks class designation 75	Each	3.00				
ELECTRICAL WORKS								
3.1.01	1.3.3 BSR 2009.	Wiring for light point / fan point / exhaust fan point / call bell point with 1.5 sq mm FR PVC insulated copper conductor single core cable in surface / recessed PVC conduit, with modular switch, modular plate, suitable G.I. box etc. as required.						
		Group C	Point	515.00				
3.1.02	1.4.BSR	Wiring for twin control light point with 1.5 sq mm FR PVC insulated copper conductor single core cable in surface / recessed PVC conduit, 2 way modular switch, modular plate, suitable G.I. box etc. as required.	Point	10.00				
3.1.03	1.5 BSR	Wiring for light / power plug with 2 x 4 sq. mm FR PVC insulated copper conductor single core cable in surface / recessed PVC	Meter	6200				

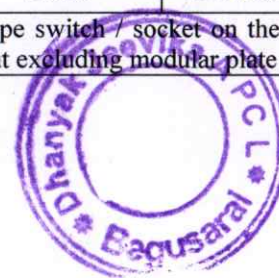
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		conduit alongwith 1 no. 4 sq. mm FR PVC insulated copper conductor single core cable for loop earthing as required.						
3.1.04	1.7. BSR	Wiring for circuit / submain wiring alongwith earth wire with the following sizes of PVC insulated copper conductor, single core cable in surface / recessed PVC conduit as required.						
(a)	1.7.1	2 x 1.5 sq.mm. + 1 x 1.5 sq. mm earth wire	Meter	500.00				
(b)	1.7.2	2 x 2.5 sq.mm. + 1 x 2.5 sq. mm earth wire	Meter	1640.00				
(c)	1.7.4	2 x 6 sq.mm. + 1 x 6 sq. mm earth wire	Meter	250.00				
(d)	1.7.12	4 x 10 sq.mm. + 1 x 10 sq. mm earth wire	Meter	400.00				
(e)	1.7.13	4 x 16 sq.mm. + 1x 16 sq. mm earth wire	Meter	450.00				
(f)	1.7.14BSR	4 x 25 sq.mm. + 1 x 16 sq. mm earth wire	Meter	50.0				
3.1.05	1.16. BSR	Supplying and drawing following pair, 0.5 sq. mm FR PVC insulated copper conductor, unarmoured telephone cables in existing surface / recessed steel / PVC conduit as required						
		2 Pair	Metre	2610.00				
		5Pair	Metre	2610.00				
		10 Pair	Metre	500.00				
3.1.06	1.17 BSR	Supplying and drawing co-axial TV cable RG-6 grade, 0.7 mm solid core copper conductor PE insulated, shielded with fine tinned copper braid and protected with PVC sheath in the existing surface / recessed steel / PVC conduit as required.	Metre	50.00				
3.1.07	1.21. BSR	S/F PVC conduit: Supplying and fixing of following sizes of PVC conduit along with accessories in surface/ recess including cutting the wall and making good the same in case of recess conduit as required.						
		20mm	Metre	1800.00				
		25 mm	Metre	2400.00				
		32 mm	Metre	1900.00				
3.1.08	1.24 BSR	Supplying and fixing following modular type switch / socket on the existing modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.						

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(a)	1.24.1	6/10A switch	Each	450.00				
(b)	1.24.4	5 pin 5/6 A socket outlet	Each	450.00				
(C)	1.24.6	Telephone socket outlet	Each	180.00				
(d)	1.24.5	6pin 16/20 A socket outlet	Each	300.00				
(e)	1.24.3	16/20A switch	Each	300.00				
(f)	1.24.7	TV antena socket outlet	Each	1.00				
3.1.09	1.27. BSR	Supplying and fixing following size/ modules, GI box along with modular base & cover plate for modular switches in recess as required.						
	1.27.1	1 or 2 Module (78 mm x 78 mmx45mm)	Each	120.00				
	1.27.2	3 Module (100 mm x 78 mmx45mm)	Each	100.00				
	1.27.3	4 Module (140mm x 78 mmx50mm)	Each	12.00				
	1.27.4	6 Module (205 mm x 78mmx50mm)	Each	36.00				
	1.27.5	8 Module (230mmx78 mm x 60mm)	Each	18.00				
	1.27.6	12Module (135 mm x205mmx 60 mm)	Each	200.00				
		18 Module (300 mm 200mmx 60mm)	Each	32.00				
3.1.11	1.26 BSR	Supplying and fixing blanking plate on the existing modular plate & switch box excluding modular plate as required.	Each	320.00				
3.1.12	1.31 BSR	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess including providing and fixing 5 pin 5/6 amps modular socket outlet and 5/6 amps modular switch, connection, painting etc. as required.(For light plugs to be used in non-residential buildings.)	Each	10.00				
3.1.13	1.32 BSR	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 6 pin 20/16 amps modular socket outlet and 20/16 amps modular switch, connection, painting etc. as	Each	105.00				

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		required.					
3.1.14	2.19 BSR	Supplying and fixing 20 amps, 240 volts, SPN industrial type, socket outlet, with 2 pole and earth, metal enclosed plug top along with 20 amps 'C' series, SP, MCB, in sheet steel inclosure, on surface or in recess, with chained metal cover for the socket out let and complete with connections, testing and commissioning etc. as required.	Each	63.00			
3.1.15	1.33 BSR	Supplying and fixing 2 pin, 5 amp. Ceiling rose on the existing junction box / wooden block including connection etc. as required.	Each	50.00			
3.1.16	1.25 BSR	Supplying and fixing stepped type electronic fan regulator on existing modular plate switch box including connection etc. as required.	Each	1.00			
3.1.17	1.34 BSR	Supplying and fixing batten / angle holder including connection etc. as required.	Each	40.00			
S.H. II : FITTINGS & ACCESSORIES							
3.2.01	M.R. RA 1	Providing and fixing down lamp luminaire on ceiling , Philips make FBS 085 1XPL-C 2P 18W RG-FR OR HPL MAKE:-HCHDR60126(MG) including 18 W lamp all complete inclusive of taxes and royalty as per specification and direction of E/I.(PHILIPS,HPL,,HAVELS)	Each	100.00			
c	M.R. RA-2	Providing and fixing Mirror Light inside Guest Room Toilets, Philips FBS 100 1XPL-C 13W with lamp all-inclusive as per specification and direction of E/I.(philips,bajaj,Havels)	Each	14.00			
3.2.03	MR -RA 3	Supplying fitting and fixing 18w LED Recessed down lighter luminaierCATno-HLP LP1418(CW) OF HPL or equivalent make of ,philips,bajaj, with tube and accessories all complete including taxes and royalty as per specification and direction of E/I.	Each	30.00			
3.2.04	M.R. RA4	Providing and fixing WING 'C' light-Recessed mounted , 'PHILIPS make Cat. No. FBS 450/236 D6 AGHF with 2 x 36 W	Each	260.00			

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		CFL all complete as per specification and direction of E/I.						
3.2.05	BSR 1.37	Providing and fixing Ding Dong Bell for surface Mounting all inclusive as per specification and direction of E/I.	Each	15.00				
3.2.06	M.R. RA 5.	Supplying fitting and fixing 400 mm dia sweep wall bracket fan , high quality & high speed, heavy duty ,(Crompton,Havel, Khaitan make) inclusive of all taxes royalty etc. all complete as per specification and direction of E/I.	Each	104.00				
3.2.07	M. R. RA .6.	Supplying fitting and fixing 250 mm dia exhaust fan with plastic body and blade, self closing louvers in the fan, to provide off mode protection against birds etc. inclusive of all taxes royalty etc. all complete as per specification and direction of E/I.	Each	7.00				
S.H. III : BOARD & D.B.'s								
3.3.01	2.9.4 BSR	Supplying and fixing following way, three pole and neutral, sheet steel, MCB distribution board, 415 volts, on surface/ recess, complete with tinned copper busbar, neutral busbar, earth bar, din bar, detachable gland plate, interconnections, phosphatized and powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator)						
		4 way (4 + 12), Double door, horizontal type	Each	8.00				
	2.8.8	8-way Double door SPN DB	Each	2.00				
	2.8.9	12-way Double door SPN DB	Each	6.00				
	2.9.5	6 way (4 + 18), Double door, horizontal TPN DB.	Each	9.00				
3.3.02	BSR 2.12.1	Supplying and fixing 5 amps to 32 amps rating, 240 volts, 'C' series, miniature circuit breaker, suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.						
		Single pole	Each	425.00				
3.3.03	BSR 2.17.	Supplying and fixing following rating, double pole, (single phase and neutral), 240 volts, residual current circuit breaker (RCCB), having a sensitivity current upto 300 milliamperes in the existing MCB-DB complete with connections, testing and commissioning etc. as required.						
	2.17.02	40 amps	Each	4.00				

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	2.17.03	63 amps	Each	4.00			
	2.12.7	S/F TPN MCB: Supplying and fixing following rating, four pole, (three phase and neutral),415 volts, Miniature circuit breaker (MCB), in the existing MCB DB complete with connections, testing and commissioning etc. as required.					
	2.12.6	40 amps	Each	5.00			
	2.12.7	63 amps	Each	5.00			
3.3.04	BSR 2.18.3	S/F TPN RCCB: Supplying and fixing following rating, four pole, (three phase and neutral),415 volts, residual current circuit breaker (RCCB), having a sensitivity current upto 300 milliamperes in the existing MCB DB complete with connections, testing and commissioning etc. as required.					
	40 amps	Each	40 amps	4.00			
	63 amps	Each	63 amps	4.00			
S.H. IV : PANEL, EARTHING & CABLE WORK							
3.4.02	BSR 2.7.8	Providing and fixing 4 pole ON-load/panel mounted Changeover Switch ,IN EXISTING PANEL BOARD ,320 Amp Rating, making connection and earthing the body etc.all complete as per specification and direction of E/I.		Each	1.00		
3.4.03	MR RA 7	Providing and fixing 96 MM Square 500 volt V-meter AE all complete as per specification and direction of E/I.		Each	3.00		
3.4.04	MR RA8	Providing and fixing Indicator Lamp LED type all complete as per specification and direction of E/I.		Each	3.00		
3.4.05	MR RA 9	Providing and fixing MCB Channel all complete as per specification and direction of E/I.		Meter	6.00		
3.4.06	BSR NSR 6.23.1	Fabrication of 16 SWG MS sheet Panel Box including internal wiring (cost of wire to be paid seperately)		Cft.	60.00		
3.4.07	RA10	Providing and fixing Bus Bar PVC insulator all complete as per specification and direction of E/I.		Each	40.00		
3.4.08	MR.RA11	Providing and fixing Toggle Switch all complete as per specification and dsirection of E/I.		Each	6.00		
3.4.08	MR.RA11	Providing and fixing Toggle Switch all complete as per specification and direction of E/I.		Each	1.00		
3.4.10	BSR 2.21.7	Providing and fixing 320 A / 415 V cubical Switch Fuse unit inside the existing cubicle panel board with ISI marked HRC fuses		Each	10.00		

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		including drilling holes in cubical panel ,making connection etc.as required.					
	BSR 2.4.2	S/F MCCB in cubicle panel board: Providing and fixing following rating and breaking capacity MCCB in existing cubicle panel board including drilling holes in cubicle panel, making connections, etc. as required.25/100 Amp, 16KA	Each				
3.4.11	BSR 2.4.5	S/F MCCB in cubicle panel board: Providing and fixing following rating and breaking capacity MCCB in existing cubicle panel board including drilling holes in cubicle panel, making connections, etc. as required.200 Amp, 35 KA	Each	15.00			
3.4.11	BSR 2.4.3	S/F MCCB in cubicle panel board: Providing and fixing following rating and breaking capacity MCCB in existing cubicle panel board including drilling holes in cubicle panel, making connections, etc. as required.125 Amp, 16 KA	Each	1.00			
3.4.12	BSR 2.4.8	S/F MCCB in cubicle panel board: Providing and fixing following rating and breaking capacity MCCB in existing cubicle panel board including drilling holes in cubicle panel, making connections, etc. as required.400 Amp, 35 KA	Each	2.00			
	BSR 2.5.4	Supplying and fixing 300 amps. TPN, copper busbar complete with all accessories as required	Each	1.00			
3.4.13	BSR 2.5.7	Supplying and fixing 600 amps. TPN ,Heavy Duty Copper busbar	Each	120.00			
3.4.14	BSR 3.15.	proving and laying earth connection from earth electrod with 6 SWG dia G.I. wire in 15mm dia G.I. pipe earth electrode, as required. all complete as per specification and direction of E/I.	Meter	6.00			
3.4.15	BSR 3.2	Earthing with GI earth pipe 4.5 mtr long, 40mm dia including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc.	Each	6.00			
3.4.15	BSR 3.5.	Earthing with G.I earth plate 600 mm X 600mm X 6mm thick including accessories and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 meter long etc . With charcoal /cock and salt as required. .	each	300.00			
3.4.16	BSR 3.12	Supplying and fixing 25x6mm G.I. strip at 0.5 meter bellow ground as strip earth electrode all complete as per specification and direction of E/I.	Meter	30.00			

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3.4.16	BSR 3.14	Supplying and fixing 25x6mm G.I. strip in 40mm dia G.I. pipe from earth electrode all complete as per specification and direction of E/I.	Meter	50.00				
	BSR NSR 6.14.14	Supplying and laying of XLPE /PVC insulated PVC sheathed (Heavy Duty) Armoured Electric Cables with aluminum conductor for working voltage 1100 volts to IS:7098 (Part-1) / IS:1554 (Part-1) as applicable, All complete as per building specification and direction of E/I. 3.5 core 300 sqm	Meter	70.00				
	BSR NSR 6.14.12	Supplying and laying of XLPE /PVC insulated PVC sheathed (Heavy Duty) Armoured Electric Cables with aluminum conductor for working voltage 1100 volts to IS:7098 (Part-1) / IS:1554 (Part-1) as applicable, All complete as per building specification and direction of E/I. 3.5 core 185 sqm	Meter	35.00				
3.4.17	BSR NSR 6.14.8	Supplying and laying of XLPE /PVC insulated PVC sheathed (Heavy Duty) Armoured Electric Cables with aluminum conductor for working voltage 1100 volts to IS:7098 (Part-1) / IS:1554 (Part-1) as applicable, All complete as per building specification and direction of E/I. 3.5 core 70 sqm	Meter	35.00				
3.4.17	BSR NSR 6.14.9	Supplying and laying of XLPE /PVC insulated PVC sheathed (Heavy Duty) Armoured Electric Cables with aluminum conductor for working voltage 1100 volts to IS:7098 (Part-1) / IS:1554 (Part-1) as applicable, All complete as per building specification and direction of E/I. 3.5 core 95 sqm	Meter	6.00				

AC WORK

A	Price Break up for Supply of Hi-side Equipment						
	Supply of Imported Aircooled Top Discharge Full Inverter VRF SYSTEM Unit with R410a Refrigerant, Aircooled Condenser along with inbuilt microprocessor panel.						
[1]	OUTDOOR UNIT						
	34 HP	Nos.	02				
	44 HP	Nos.	01				
[2]	VRF Indoor Units						
	High Wall Mounted Split units.						

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a	0.8 TR	Nos.	3				
b	1 TR	Nos.	15				
c	1.28 TR	Nos.	3				
d	1.6 TR	Nos.	1				
e	2.03 TR	Nos.	1				
f	2.28 TR	Nos.	1				
4 Way Cassette Units.							
a	1.28 TR	Nos.	1				
b	1.6 TR	Nos.	7				
c	2.03 TR	Nos.	13				
d	2.57 TR	Nos.	12				
a	0.8 TR	Nos.	1				
b	1 TR	Nos.	7				
c	1.28 TR	Nos.	13				
d	1.6 TR	Nos.	12				
3.	Refrigerant Joints for Indoor Units	Nos.	54				
B	Price for Supply, Installation & Commissioning of Ancillary Items for VRF						
1	Installation & Commissioning of VRF Units, with outdoor mounting, pressure testing, nitrogen flushing etc	Lot	3				
2	Refrigerant Gas (R - 410a) VRF	Kg	60				
3	V I Pads- VRF	Lot	10				
4	Installation of VRF Indoor Units	Nos.	57				
5	Refrigerant Piping with insulation						
	Suction/ Liquid line with Nitrile rubber insulation						
	11/2" OD						

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	1 1/4" OD	Rmt	15				
	1 1/8" OD	Rmt	65				
	7/8 " OD	Rmt	65				
	3/4 " OD	Rmt	85				
	5/8" OD	Rmt	130				
	1/2" OD	Rmt	150				
	3/8" OD	Rmt	170				
	1/4" OD	Rmt	110				
	1 1/2" OD	Rmt	60				
	1 1/4" OD	Rmt	15				
	1 1/8" OD	Rmt	65				
	7/8 " OD	Rmt	65				
	3/4 " OD	Rmt	85				
	5/8" OD	Rmt	130				
	1/2" OD	Rmt	150				
	3/8" OD	Rmt	170				
	1/4" OD	Rmt	110				
6	HDPE Drain piping 32 mm with insulation	Rmt	400				
7	Electricals/Cables						
	Control Cable 2C x 1.5 sqm for VRF unit	Rmt	500				

FIRE WORK

ANALOGUE ADDRESSABLE FIRE DETECTION AND ALARM SYSTEM

1	2 LOOP Analogue intelligent Addressable Fire Alarm Control Panel for addressable devices per loop like SMOKE DETECTOR, HEAT DETECTOR, MULTI DETECTOR, MCP, flasher cum hooter , control modules, response indicators etc. and shall field	Nos	1				
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	Programmable and with multiple characters LCD display as per the detailed specification complete with battery backup of 24 hours operation and in 5 minute alarm operation with battery charger and annunciator window etc. System shall have provision to integrate with your existing.					
2	Addressable Photo electric smoke detectors with required accessories along with Junction box & Glands & Terminations.	Nos	90			
3	Addressable Rate of rise thermal detectors with required accessories along with Junction box & Glands & Terminations.	Nos	5			
4	Addressable Multisensor smoke detectors with required accessories along with Junction box & Glands & Terminations.	Nos	55			
5	Addressable Manual call points, ABS plastic, square 4 "x 4" , with Break glass message embedded on the glass, enclosed along with the break glass in junction box & Terminations.	Nos	9			
6	Addressable strobe light cum sounder. The strobe light cum sounder shall be made of ABS plastic and have the Db level of 110db and a multi tone facility.	Nos	10			
7	Response indicator with required accessories.	Nos	55			
8	SITC of Addressable Fault isolator modules with required accessories including JB & glands	Nos	7			
9	Addressable monitor modules.	Nos	8			
10	SITC of Addressable Control modules for activate hooter cum strobe or trip / activate off any device which are related with fire and required accessories including JB & glands	Nos	2			
11	Auto glow exit light.	Nos	10			
12	Auto dialer.	Nos	1			
13	2C x 1.5 sq. mm, CU, PVC insulated FRLS Armored Cable with Accessories conforming to IS standards and specifications. (use for loop line and for 24 v dc line)	Mtr	1500			
14	System commissioning charges.	LOT	1			
	FIRE EXTINGUISHER					
1	CO2 Type Fire Extinguisher 4.5 Kg Capacity ISI Mark IS:15683 fitted with wheel type ISI mark wheel type valve and all other necessary fittings, Fire Rating: 21 B.	Nos	5			
1	CO2 Type Fire Extinguisher 4.5 Kg Capacity ISI Mark IS:15683 fitted with wheel type ISI mark wheel type valve and all other	Nos	5			

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	necessary fittings, Fire Rating: 21 B.						
3	ABC POWDER 5KG ISI Mark IS:15683	Nos	15				
CCTV WORKS							
1	Supply and Installation of 1 Megapixel HD dome camera.	Nos	20				
2	Supply and Installation of 2 Megapixel HD dome camera.	Nos	12				
3	Supply and Installation of DVR with 32 channel camera & audio	Nos	1				
3	Supply and Installation of DVR with 32 channel camera & audio	Nos	1				
5	Power supply for 32 noscamara.	Nos	1				
5	Power supply for 32 noscamara.	Nos	1				
7	Supply and laying of Cat-6 data cables in PVC conduit.	Mtr	1000				
8	System commissioning charges with connector etc..	Nos	1				
[Amount in Rupees.....							Total Amount

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**LETTER OF ACCEPTANCE
CUM NOTICE TO PROCEED WITH THE WORK**

(LETTERHEAD OF THE DJAPCL)

Dated: _____

To : _____ [Name and address of the Contractor]

Dear Sir,

This is to notify you that your Bid dated _____ for execution of the _____ for the contract price of Rupees _____ [amount in words and figures], is hereby accepted by us.

You are hereby requested to furnish performance security for an amount of Rs. _____ (equivalent to 2% of the contract price) within 07 days of the receipt of the letter. The Performance Security in the form of Bank guarantee or a Bank draft in favour of(DJAPCL) shall be valid till the expiry of the period of maintenance i.e. upto _____. Failure to furnish the Performance Security will entail cancellation of the award of contract.

You are also requested to sign the agreement form and proceed with the work not later than _____ under the instructions of the Engineer, _____ and ensure its completion within the contract period.

With the issuance of this acceptance letter and your furnishing the Performance Security, contract for the above said work stands concluded.

Yours faithfully,

Authorized Signature

Name and title of Signatory

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Draft Agreement form for
Construction through Lump Sum Contract

ARTICLES OF AGREEMENT

1. This deed of agreement is made in the form of agreement on _____ day _____ month _____ 20 ____, between the _____ (DJAPCL) or his authorized representative (hereinafter referred to as the first party) and _____ (Name of the Contractor), S/O _____ resident of _____ (hereinafter referred to as the second party), to
2. execute the work of construction of _____ (hereinafter referred to as works) on the following terms and conditions.

2. Cost of the Contract

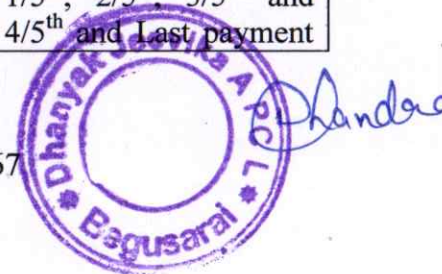
The total cost of the works (hereinafter referred to as the "total cost") is Rs. _____ as reflected in Annexure - 1.

3.1 Payments under its contract:

Payments to the second party for the construction work will be released by the first party in the following manner: -

On signing of agreement	:	An Advance of 10% of the contract price may be paid on receipt of unconditional bank guarantee of appropriate value valid till the period of contract.
Interim Payments will be made after completion of 1/5 th of the work. i.e., 1/5 th , 2/5 th , 3/5 th & 4/5 th after certification of same by the Engineer In charge and Project Head (CEO) of	:	Payment will be made proportionate to the total contract value i.e., 1/5 th , 2/5 th , 3/5 th and 4/5 th and Last payment

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DJAPCL and submission of invoice (in duplicate).		(5/5 th of interim payment) will be made after handing over of the ready site by the contractor and receipt of all applicable warranty/guarantee papers & applicable receipts etc. by DJAPCL.
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3.2 The advance shall be repaid/adjusted with percentage deductions from the interim payments, commencing with the next Interim Payment at the rate of 25 percent of the amounts of all Interim Payment Certificates until the advance has been repaid, always provided that the advance shall be completely repaid prior to the expiry of the original time for completion.

@The Guarantee shall remain effective until the advance payment has been repaid

3.3 The DJAPCL shall retain (Retention Money) 6% of the amount from each payment due to the Contractor subject to the maximum of 5% of final contract price. Half of the amount retained shall be repaid upon completion of the successful works, and other half shall be repaid when the Defects Liability Period has passed and the Project Manager has certified that all Defects notified to the Contractor before the end of this period have been corrected. On completion of the whole works the Contractor may substitute the balance retention money with an "on demand" Bank guarantee.

3.3 Payments at each stage will be made by the first party:

(a) on the second party submitting an invoice for an equivalent amount;

(b) on certification of the invoice (except for the advance) by the engineer nominated by the first party with respect to quality of works in the format in Annexure – 2.

4. Notice by Contractor to Engineer

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The second party, on the works reaching each stage of construction, issue a notice to the first party or the Engineer nominated by the first party [who is responsible for supervising the contractor, administering the contract, certifying payments due to the contractor, issuing and valuing variations to the contract, awarding extension of time etc.) to visit the site for certification of stage completion. Within 15 days of the receipt of such notice, the first party or the engineer nominated by it, will ensure issue of stage completion certificate after due verification.

5. Completion time

The works should be completed in three months from the date handing over the site through letter by DJAPCL. In exceptional circumstances, the time stated in this clause may be extended in writing by mutual consent of both the parties.

6. If any of the compensation events mentioned below would prevent the work being completed by the intended completion date, the first party will decide on the intended completion date being extended by a suitable period:

- a) The first party does not give access to the site or a part thereof by the agreed period.
- b) The first party orders a delay or does not issue completed drawings, specifications or instructions for execution of the work on time.
- c) Ground conditions are substantially more adverse than could reasonably have been assumed before issue of letter of acceptance and from information provided to second party or from visual inspection of the site.
- d) Payments due to the second party are delayed without reason.
- e) Certification for stage completion of the work is delayed unreasonably.

7. Any willful delay on the part of the second party in completing the construction within the stipulated period will render him liable to pay liquidated damages @ 0.5 percent per week subject to a maximum of 5% of the contract value which will be deducted from payments due to him. The first party may cancel the contract and take recourse to such other action as deemed appropriate once the total amount of liquidated damages exceeds 5 % of the contract amount.

8. Duties and responsibilities of the first party

8.1 The first party shall be responsible for providing regular and frequent supervision and guidance to the second party for carrying out the works as per specifications. This will include written guidelines and regular site visit of the authorized personnel of the first party, for checking quality of material and construction to ensure that it is as per the norms.

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- 8.2 The first party shall supply drawings, specifications and guidelines to the second party for the proposed works.
- 8.3 Possession of the site will be handed over to the second party within 10 days of signing of the agreement.
- 8.4 The Engineer or such other person as may be authorized by the first party shall hold meeting once in every 07 days where the second party or his representative at site will submit the latest information including progress report and difficulties if any, in the execution of the work. The whole team may jointly inspect the site on a particular day to take stock of activities.
- 8.5 The Engineer shall record his observations/instructions at the time of his site visit in a site register maintained by the second party. The second party will carry out the instructions and promptly rectify any deviations pointed out by the engineer. If the deviations are not rectified, within the time specified in the Engineer's notice, the first party as well as the engineer nominated by it, may instruct stoppage or suspension of the construction. It shall thereupon be open to the first party or the engineer to have the deviations rectified at the cost of the second party.

9. Duties and responsibilities of the second party

9.1 The second party shall:

- a) take up the works and arrange for its completion within the time stipulated in clause 5;
- b) employ suitable skilled persons to carry out the works;
- c) regularly supervise and monitor the progress of work ;
- d) abide by the technical suggestions / direction of supervisory personnel including engineers etc. regarding building construction;
- e) be responsible for bringing any discrepancy to the notice of the representative of the first party and seek necessary clarification;
- f) ensure that the work is carried out in accordance with specifications, drawings and within the total of the contract amount without any cost escalation;

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- g) keep the first party informed about the progress of work;
- h) correct the notified defects within the length of time specified by the DJAPCL;
- i) be responsible for all security and watch and ward arrangements at site till handing over of the building to the first party;
- j) maintain necessary insurance against loss of materials/cash, etc. or workman disability compensation claims of the personnel deployed on the works as well as third party claims from the start date to the end of defect liability period;
- k) pay all duties, taxes and other levies payable by construction agencies as per law under the contract (First party will effect deduction from running bills in respect of such taxes as may be imposed under the law);
- l) abide by all labour enactments and rules made there under, regulations, notifications and bye laws of the State or Central Government or local authority;
- m) abide by all enactments on environmental protection and rules made there under, regulations, notifications and by-laws of the State or Central Government, or local authorities;
- n) be responsible for the safety of all activities on the Site.
- o) Be responsible for clearing of all obstruction, bushes, shrubs. Loose stone and rubbish materials of all kinds. All holes or hollows whether original, existing, or produced by removal of loose stone or materials shall be carefully filled up with earth well rammed and leveled off as directed at his own cost;

10. Variations / Extra Items

The works shall be executed by the second party in accordance with the approved drawings and specifications. No variation in cost is acceptable. However, if the Engineer issues instructions for execution of extra items, the following procedure shall be followed:-

- a) The second party shall provide the Engineer with a bid for carrying out the extra items when requested to do so by the Engineer. The Engineer shall assess the bid, which shall be given within seven days of the request before the extra items are ordered.

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- b) If the bid given by the second party is unreasonable, the Engineer may order the extra items and make a change to the Contract Price which shall be based on Engineer's own forecast of the effects of the extra items on the Contractor's costs.
- c) The second party shall not be entitled to additional payment for costs, which could have been avoided by giving early warning.

11. Securities

The Performance Security shall be provided to the DJAPCL no later than the date specified in the Letter of Acceptance and shall be issued in an amount and form and by a bank or surety acceptable to the DJAPCL. The Performance Security shall be valid until a date 28 days from the date of issue of the Certificate of Completion in the case of a Bank Guarantee.

12. Termination

12.1 The DJAPCL may terminate the Contract if the other party causes a fundamental breach of the Contract.

12.2 Fundamental breaches of Contract include, but shall not be limited to the following:

- (a) the contractor stops work for 28 days and the stoppage has not been authorized by the Engineer;
- (b) the Contractor has become bankrupt or goes into liquidation other than for a reconstruction or amalgamation;
- (c) the Engineer gives Notice that failure to correct a particular Defect is a fundamental breach of Contract and the Contractor fails to correct it within a reasonable period of time determined by the Engineer;
- (d) the Contractor does not maintain a security which is required;
- (e) the Contractor has engaged in corrupt, fraudulent, collusive, coercive or obstructive practices, in competing for or in executing the Contract; and
- (f) the contractor has delayed the completion of the Works by the number of days for which the maximum amount of liquidated damages can be paid

12.3 Notwithstanding the above, the DJAPCL may terminate the Contract for convenience.

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12.4 If the Contract is terminated the Contractor shall stop work immediately, make the Site safe and secure and leave the Site as soon as reasonably possible.

13. Payment upon Termination

13.1 If the Contract is terminated because of a fundamental breach of Contract by the Contractor, the Engineer shall issue a certificate for the value of the work done less advance payments received up to the date of the issue of the certificate, less other recoveries due in terms of the contract, less taxes due to be deducted at source as per applicable law.

13.2 If the Contract is terminated at the DJAPCL's convenience, the Engineer shall issue a certificate for the value of the work done, the reasonable cost of removal of Equipment, repatriation of the Contractor's personnel employed solely on the Works, and the Contractor's costs of protecting and securing the Works and less advance payments received up to the date of the certificate, less other recoveries due in terms of the contract and less taxes due to be deducted at source as per applicable law.

14. Dispute settlement

If over the works, any dispute arises between the two parties, relating to any aspects of this Agreement, the parties shall first attempt to settle the dispute through mutual and amicable consultation.

In the event of agreement not being reached, the matter will be referred for arbitration by a Sole Arbitrator not below the level of retired Chief Engineer / Superintending Engineer, (not connected in part or whole with this Project in his service) to be appointed by the first party. The Arbitration will be conducted in accordance with the Arbitration and Conciliation Act, 1996 at Patna, Bihar. English will be the official language for arbitration. The decision of the Arbitrator shall be final and binding on both the parties.

15. Corrupt and Fraudulent Practices

The World Bank requires compliance with its policy in regard to corrupt and fraudulent practices as set forth in Section C. In further pursuance of this policy, Bidders shall permit and shall cause its agents (whether declared or not), sub-contractors, sub-consultants, service providers, or suppliers and any personnel thereof, to permit the Bank to inspect all accounts, records and other documents relating to any prequalification process, bid submission, and contract performance (in the case of award), and to have them audited by auditors appointed by the Bank.

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BILL OF QUANTITIES

The approximate Bill of Quantities is indicated below to give an idea of the work which should be executed in accordance with the approved drawings and specifications to enable the bidder to furnish the lumpsum price. Bidders may, however, note that no variations in the lumpsum cost is acceptable (except where extra items are ordered by the Engineer).

CIVIL WORKS				
SL. NO	SOR CODE NO.	DESCRIPTION	QUANTITY	UNIT
[1]	[2]	[3]	[4]	[5]
1	2.8.1	Earth work in excavation in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan) including dressing of sides and ramming of bottoms, lift up to 1.5 m .including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m. ALL KINDS OF SOIL.	80.270	Cum

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2	2.26	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20 cm in depth: consolidating each deposited layer by ramming and watering lead.	660.000	Cum
3	2.28	Supplying and Filling in plinth with local sand and under floors including, watering, ramming consolidating and dressing complete.		
			226.000	Cum
4	11.72	Providing designation 100 A one brick flat soling joints filled with local sand including cost of watering, taxes, royalty all complete as per building specification and direction of E/I.		
			577.00	Sqm
5	5.1.2	Reinforced cement concrete work in wall (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts, etc. Up to floor five level excluding cost of centring, shuttering, finishing and reinforcement. 1:1:2(1 cement: 1 coarse sand: 2 graded stone aggregate 20mm nominal size)		

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		with Curing.		
		Grade - M 25	182.000	Cum
6		VDF(Vacuum Dewatering Concrete Flooring) Finishing all complete with machine.	288.560	Sqm
7		Cutting groove in concrete floor as per details drawings with concrete floor cutter including cleaning etc. complete.		
		1.(Size - 6 X 15 mm)	118.000	R.Mt
8		Providing and filling MMET semi-rigid epoxy joint filler of 'MetzerMejuire' make or Equivalent in saw cut Joint with wire brush, providing bond breaker wherever necessary, filling the joint with sealant, sanding the same properly to give proper level etc. complete. (Joint filling shall be strictly carried out as per manufacturer's instruction only.)		

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		A) Joint Filling size – 06 mm wide X 15 mm deep.	110.000	R.Mt
9		Providing and casting in situ non-shrink grout of 'Sika' or Fosroc' make as per manufactures specification including all materials tools and plants shuttering mixing and pouring at specified consistency cleaning and curing etc. complete.	0.012	Cum
10	10.42	Fitting and fixing anchor bolts including nuts and washers complete.	110.000	Pcs.
11	5.9.5	Centring and shuttering including strutting, propping etc. and removal of form for. Lintels, beams, plinth beams, girders, bressummers and cantilevers.		
			352.620	Sqm
12	5.9.6	Centring and shuttering including strutting, propping etc. and removal of form for. Columns, Pillars, Piers, Abutments, Posts and Struts.		
			156.000	Sqm
13	5.22	Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete.	652.250	Kg

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14	6.1.14 A	Brick work with bricks of class designation 100A in foundations and plinth in : Cement mortar 1:6 (1 cement: 6 coarse sand) with Curing.		
		Below of F.F.L.	32.230	Cum
15	6.18.4A	Half brick masonry with bricks of class designation 100A in foundations and plinth in: Cement mortar 1:4 (1 cement: 4 coarse send)	422.43	
	6.19A	Extra for half Brick masonry in superstructure above plinth level upto floor V level.	422.43	
		Less for door & window opening:-	10.07	
		Above of F.F.L. Upto 3M	337.61	Sqm
16	13.20	18 mm cement plaster extra for providing and mixing water proofing material with Curing in two coats under layer 12 mm thick cement plaster 1:5 (1 cement :5 coarse sand) and top layer 6 mm thick, cement plaster 1:3 (1 cement: 3 coarse sand) finished rough with sponge.		
		Outer wall		
		Less for door & window		

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		opening-:		
			352.200	Sqm
17	13.11.4	Cement plaster in course san 12 mm cement plaster of mix: 1:6(1cement: 6 coarse sand) with Curing.		
		Inner wall		
		Less for door & window opening-:		
			378.865	Sqm
18	13.79.1	Finishing walls with water proofing cement paint of approved brand and manufacture and of required shade to give an even shade New work (three or more coats)		
		Outer and Inner wall		
		Less for door & window opening-:		
			747.06	Sqm

अन्य हेतु जवही देवी सुब्बी देवी



Handaq

19	10.6.1	Supplying and fixing-rolling shutters of approved make. Made of required size of M.S. Iaths inter locked together through their entire length and jointed together at the end-by-end locks mounted on specially designed pipe shaft with brackets, side guides and arrangements for inside and outside locking with push and pull operation complete including the cost of providing and fixing necessary 27.5 cm long wire springs grade no. 2 and M.S. top cover of required thickness for rolling shutters.		
		80x1.25mm M.S. Laths with 1.25mm thick top cover.		
		Eight Nos. of Rolling Shutters	55.071	Sqm
20		Providing Polyvinyl chloride door 30mm thick and 300x300mm glass panel with all accessories fitted and fixed all complete.		
		Eleven Nos. of Door		
			22.295	Sqm

कंसल्टिंग एंड जूलिटेरी सुब्जी डेवि



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21	21.3	Providing and fixing glazing in aluminum door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge. (Cost of Aluminum snap beading shall be paid in basic item):		
	21.3.3	With float glass panes of 8 mm thickness		
		Seven Nos. of Windows	8.73	Sqm
22	13.94.1	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade: Two or more coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture.		
			123.000	Sqm

कंचन देव

जुली देवी सुब्बी देवी



Handora

23	26.26.2	<p>Providing & fixing false ceiling at all heights with GRG (Glass Fiber Reinforced Gypsum) false ceiling tiles of Size 595x595 mm of approved texture, design and patterns having moisture content less than 2%, humidity resistance of 99%, NRC0.50 to 0.75 as per IS 8225:1987, Noncombustible as per BS 476 (part 4)-1970 and light reflectance of 85% (minimum) to be laid in true horizontal level suspended on inter-locking metal T-Grid of hot dipped galvanized iron section of 0.33mm thick (galvanized @ 120 grams per sqm including both sides) comprising of main-T runners of size 15x32 mm of length 3000 mm, cross - T of size 15x32 mm of length 1200 mm and secondary intermediate cross-T of size 15x32 mm of length 600mm to form grid module of size 600 x 600 mm, suspended from ceiling using galvanized mild steel items (galvanizing '@ 80 grams per sqm) i.e. 50 mm long, 8 mm outer diameter M-6 dash fasteners, 6 mm dia fully threaded hanger rod upto 1000</p>		
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अंशक १ की प्रतीति के सुवर्ण के



Shandag

		mm length and L-shape level adjuster of size 85x25x2 mm. Galvanized iron perimeter wall angle of size 24x24x0.40 mm of length 3000 mm to be fixed on periphery wall / partition with the help of plastic raw plugs at 450 mm center to center and 40 mm long dry wall wood screws. The work shall be carried out as per specifications, drawing and as per directions of the Engineer-in-Charge.		
		With fully perforated 12 mm thick micro regular edged or 10 mm thick square edged GRG false ceiling tiles.	26.094	Sqm
24	10.1	Structural steel work in single section fixed without connecting plate including cutting. Hoisting, fixing in position and applying a priming coat of approved steel primer all complete.		
		150x75 Joist @ 19.68Kg per metre	404.42	
		150x75 Joist @ 19.68Kg per metre	419.18	
		Truss Frame	1386.00	
		Truss Frame	560.00	

अथवा जैविक जूलो री सुव्णी देवी



Dhanday

		Purling 50 mm pipe @21 Kg per Pcs.	965.96	
		Purling 50 mm pipe @21 Kg per Pcs.	339.08	
		38mm horizontals pipes in wall@10 Kg per pcs.	524.50	
			4599.14	Kg
25	12.1.3	Providing corrugated G.S. Sheet rolling G.I.J. or hooks, bolts and nuts 8mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with lead and including a coat of approved steel primer and two coats of approved paint on over lapping of sheets complete (upto a pitch of 60) excluding the cost or purlins, rafters and trusses.		
		0.63 mm thick with zinc coating not less than 275 gm/m2		
	12.2	Extra for providing and fixing corrugated G. S. sheets vertically or to a pitch exceeding 60		
		Less for door opening-:		
			650.63	Sqm
26	12.13	Extra for providing and fixing wind ties of 40x6mm flat iron section.		
			77.86	M
BOUNDARY WALL				

अंश 7 डेडी

अलीश्वी मुन्नी



Dhandra

1	2.8.1	Earth work in excavation in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan) including dressing of sides and ramming of bottoms, lift up to 1.5 m including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m. ALL KINDS OF SOIL.		
			138.20	Cum
2	2.26	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20 cm in depth: consolidating each deposited layer by ramming and watering lead.	115.16	Cum
3	6.1.14 A	Brick work with bricks of class designation 100A in foundations and plinth in: Cement mortar 1:6 (1 cement: 6 coarse sand)	17.58	Cum
4	6.1.14 A	Brick work with bricks of class designation 100A in foundations and plinth in: Cement mortar 1:6 (1 cement: 6 coarse sand)		
	6.3.A	Extra for Brick work in superstructure above plinth level up to floor V cum		

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			20.01	Cum
5	5.2.2	Reinforced cement concrete work in wall (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts, etc. Up to floor five level excluding cost of centring, shuttering, finishing and reinforcement. 1:1:5:3(1 cement: 1.5 coarse sand:3 graded stone aggregate 20mm nominal size)		
		Coping Beam	2.82	Cum
6	5.22	Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete.	662.20	Kg
7	10.1	Structural steel work in single section fixed without connecting plate including cutting. Hoisting, fixing in position and applying a priming coat of approved steel primer all complete.		
		50mm verticals pipes in wall @21Kg per Pcs.	434.00	
		38mm horizontals pipes in wall@10 Kg per pcs.	500.66	
			934.66	Kg

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8	12.1.3	Providing corrugated G.S. Sheet rolling G.I.J. or hooks, bolts and nuts 8mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with lead and including a coat of approved steel primer and two coats of approved paint on over lapping of sheets complete (upto a pitch of 60) excluding the cost or purlins, rafters and trusses.		
		0.63 mm thick with zinc coating not less than 275 gm/m ²		
	12.2	Extra for providing and fixing corrugated G. S. sheets vertically or to a pitch exceeding 60		
			229.06	Sqm
9	13.11.4	Cement plaster in course san 12 mm cement plaster of mix: 1:6(1cement: 6 coarse sand)		
			91.62	Sqm
10	13.79.1	Finishing walls with water proofing cement paint of approved brand and manufacture and of required shade to give an even shade New work (three or more coats)		
			91.62	Sqm

कंचन गौरी ज्वेली देवी सुब्बा देवी



Chandra

11	13.94.1	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade: Two or more coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture.		
			49.00	Sqm
12	5.9.5	Centring and shuttering including strutting, propping etc. and removal of form for. Lintels, beams, plinth bams, griders, bressumers and cantilevers.	22.53	Sqm
13		Supplying and fitting fixing Iron Gate with all materials and accessories fitted and fixed all complete work as per specification and direction of E/I.		
		Gate Size - 6.10 X 2.13	300.00	Kg
EARTH WORK				
1	2.28	Supplying and Filling in plinth with local sand and under floors including, watering, ramming consolidating and dressing complete.		
		Total area of plot - 1520.73 Sq.Mt. Net filling area 1520.73 Sqm x 1.4(H) = 1855.29 Cum	2129.02	CUM

अनुप निवासी देवी सुनी देवी



@Dhandra

SECURITY GUARD				
1	20.3A.1	Making 25 cm (10") dia bore up to 4 mtr depth below ground with hand auger of approved quality in ordinary soil (vide classification of soil item A) true to plumb and without eccentric city in any stage of operation and disposal of the excavated earth up to 50 mtr , Lead in eluding all lifts, all complete as per approved design and direction of E/l Details of cost for 4 piles of 4 m= 16 mtrs depth)		
			22.50	Metre
2	20.3A.2	63 CM (25) UNDER -REAM Making 63 cm (25) dia under ream at required with hand auger of approved quality in ordinary soil (vide classification of soil item - A) true to plumb and without eccentric city in my stage of operation and disposal of the excavated earth up to 50 mts lead including all lifts, all complete as per approved design and direction of (E/l)	4.00	Each

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3	5.1.2	Providing and laying in position specified grade of reinforced cement concrete excluding the cost of centring, shuttering, finishing and reinforcement-All work up to plinth level 1:1:5:3(1 cement: 1.5 coarse sand:3 graded stone aggregate 20 mm nominal size)		
		Pile + Under Ream		
			1.18	Cum
4	2.8.1	Earth work in excavation in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan) including dressing of sides and ramming of bottoms, lift up to 1.5 m .including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m. ALL KINDS OF SOIL.	22.50	Cum
5	2.26	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20 cm in depth: consolidating each deposited layer by ramming and watering lead.	0.85	Cum

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6	2.28	Supplying and Filling in plinth with local sand and under floors including, watering, ramming consolidating and dressing complete.		
			1.18	Cum
7	11.72	Providing designation 100 A one brick flat soling joints filled with local sand including cost of watering, taxes, royalty all complete as per building specification and direction of E/l.		
			6.97	Sqm
8	5.2.2	Reinforced cement concrete work in wall (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts, etc. Up to floor five level excluding cost of centring, shuttering, finishing and reinforcement. 1:1:5:3(1 cement: 1.5 coarse sand:3 graded stone aggregate 20mm nominal size)		
		Cap Beam	0.714	Cum
9	6.1.14 A	Brick work with bricks of class designation 100A in foundations and plinth in: Cement mortar 1:6 (1 cement: 6 coarse sand)		

आचार्य श्रीजुली देवी सुब्बानी देवी



Dhandag

			0.857	Cum
10	4.11	Providing and laying damp-proof Course 50 mm thick with cement concrete 1:2:4(1cement: 2:2 coarse sand :4 graded stone aggregate 20mm nominal size)	2.86	Sqm
11	6.18.4A	Half brick masonry with bricks of class designation 100A in foundations and plinth in: Cement mortar 1:4 (1 cement: 4 coarse send)		
	6.19A	Extra for half Brick masonry in superstructure above plinth level upto floor V level.		
		Less for door & window opening.		
			25.86	Sqm
12	5.2.2	Reinforced cement concrete work in wall (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts, etc. Up to floor five level excluding cost of centring, shuttering, finishing and reinforcement. 1:1:5:3(1 cement: 1.5 coarse sand:3 graded stone aggregate 20mm nominal size)		
		Columns		
		Lintel		

अंश १२ जली देवी सुन्नी देवी



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		Roof		
			2.28	Cum
13	4.4.1	Providing and faying cement concrete in kerbs, steps and the like at or near ground level excluding the cost of centring, shuttering and finishing. 1:2:4 (1 Cement :2 coarse sand :4 grade stone aggregate 20 mm nominal size)		
			0.56	Cum
14	11.3.1	Cement concrete flooring 1:2:4(1 cement:2 coarse: sand:4 graded stone aggregate) finished with a floating coat of neat cement including cement slurry, etc. but excluding the cost of nosing of steps etc. complete. 40 mm thick with 20 mm nominal size stone aggregate.		
			4.37	Sqm
15	13.11.4	Cement plaster in course san 12 mm cement plaster of mix: 1:6(1cement: 6 coarse sand)		
		Less for door & window opening:-		
			65.30	Sqm
16	13.24.2	6 mm cement plaster to ceiling of mix: 1:4(1cement: 4 coarse sand)		
			4.37	Sqm

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जली देवी

मुन्ना देवी



Dandera

17	5.22	Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete.	417.30	Kg
18	5.9.5	Centring and shuttering including strutting, propping etc. and removal of form for. Lintels, beams, plinth bams, griders, bressumers and cantilevers.	5.71	Sqm
19	5.9.6	Centring and shuttering including strutting, propping etc. and removal of form for. Columns, Pillars, Piers, Abutments, Posts and Struts.		
			16.13	Sqm
20	13.79.1	Finishing walls with water proofing cement paint of approved brand and manufacture and of required shade to give an even shade New work (three or more coats)		
		Less for door & window opening.		
			74.23	Sqm

अंश १

जुली देवी सुब्बा देवी



Phanda

21	10.12.1	Providing and fixing steel glazed doors, windows and ventilators of standard rolled steel sections, joints mitred and welded with 15x3 mm lugs 10 cm long with steel lugs embedded in cement concrete blocks 15x10x10 cm of 1:3:6(1 cement: 3 coarse sand : 6 graded stone aggregate 20 mm nominal size) or with wooden plugs and screws or rawl plugs and screws or with fixing clips or with bolts and nuts as required, including providing and fixing of glass panes with glazing clips and special metal-sash putty of approved make complete including applying a priming coat of approved steel primer; excluding the cost of metal beading and other fitting except necessary hinges or pivots as required.		
		Door	1.62	Sqm
22	13.94.1	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade: Two or more coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture.		
			7.40	Sqm

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TOILET COMPLEX				
1	20.3A.1	Making 25 cm (10") dia bore up to 4 mtr depth below ground with hand auger of approved quality in ordinary soil (vide classification of soil item A) true to plumb and without eccentric city in any stage of operation and disposal of the excavated earth up to 50 mtr , Lead in eluding all lifts, all complete as per approved design and direction of E/I Details of cost for 4 piles of 4 m= 16 mtrs depth)	24.00	Metre
2	20.3A.2	63 CM (25) UNDER -REAM Making 63 cm (25) dia under ream at required with hand auger of approved quality in ordinary soil (vide classification of soil item - A) true to plumb and without eccentric city in my stage of operation and disposal of the excavated earth up to 50 mts lead including all lifts, all complete as per approved design and direction of (E/I)	8.00	Each

अंशुभा जीविका देवी सन्नी देवी



Chandra

3	2.8.1	Earth work in excavation in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan) including dressing of sides and ramming of bottoms, lift up to 1.5 m including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m. ALL KINDS OF SOIL.	8.50	
			1.26	Cum
4	2.26	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20 cm in depth: consolidating each deposited layer by ramming and watering lead.	1.26	Cum
5	2.28	Supplying and Filling in plinth with local sand and under floors including, watering, ramming consolidating and dressing complete.	1.95	Cum
6	11.72	Providing designation 100 A one brick flat soling joints filled with local sand including cost of watering, taxes, royalty all complete as per building specification and direction of E/l.		

अंतर १२)

जुली देवी कुली देवी



Dhandra

			8.76	Sqm
7	5.2.2	Reinforced cement concrete work in wall (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts, etc. Up to floor five level excluding cost of centring, shuttering, finishing and reinforcement. 1:1:5:3(1 cement: 1.5 coarse sand:3 graded stone aggregate 20mm nominal size)		
		Cap Beam		
			1.250	Cum
8	6.1.14 A	Brick work with bricks of class designation 100A in foundations and plinth in : Cement mortar 1:6 (1 cement: 6 coarse sand)		
			2.70	Cum
9	4.11	Providing and laying damp-proof Course 50 mm thick with cement concrete 1:2:4(1cement: 2:2 coarse sand :4 graded stone aggregate 20mm nominal size)		
			2.67	Sqm
10	6.18.4A	Half brick masonry with bricks of class designation 100A in foundations and plinth in: Cement mortar 1:4 (1 cement: 4 coarse send)		

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जुली देवी सुन्नी



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			8.76	Sqm
14	13.79.1	Finishing walls with water proofing cement paint of approved brand and manufacture and of required shade to give an even shade New work (three or more coats)		
		Less for door & window opening:-		
			85.80	Sqm
15	4.4.1	Providing and faying cement concrete in kerbs, steps and the like at or near ground level excluding the cost of centring, shuttering and finishing. 1:2:4 (1 Cement :2 coarse sand :4 grade stone aggregate 20 mm nominal size)		
			0.75	Cum
16	11.3.1	Cement concrete flooring 1:2:4(1 cement:2 coarse: sand:4 graded stone aggregate) finished with a floating coat of neat cement including cement slurry, etc. but excluding the cost of nosing of steps etc. complete. 40 mm thick with 20 mm nominal size stone aggregate.		
			6.78	Sqm

अंश ३) जूली देवी सुन्नी देवी



Phandeg

17	5.22	Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete.	521.70	Kg
18		Providing door and window with fitted and fixed all complete.		
		Plastic. D -0.76 X 2.13	3	Each
		Plastic. V-0.45 X 0.61	3	Each
19	5.9.3	Centring and shuttering including strutting, propping etc. And removal of form for. Suspended floors, roofs, landings, balconies and access platform.		
			7.82	Sqm
20	5.9.6	Centring and shuttering including strutting, propping etc. and removal of form for. Columns, Pillars, Piers, Abutments, Posts and Struts.		
			20.82	Sqm
SEPTIC TANK				

अनुप देव

जुली देवी मुळी देवी



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1	2.8.1	Earth work in excavation in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan) including dressing of sides and ramming of bottoms, lift to 1.5 m. including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m. ALL KINDS OF SOIL.		
		Tank- $3.96 \times 2.13 + 4.88 \times 3.05 / 2 = 11.65$		
		Chamber		
			29.364	Cum
2	2.28	Supplying and Filling in plinth with local sand and under floors including, watering, ramming consolidating and dressing complete.		
		Tank		
		Chamber		
			1.339	Cum
3	11.72	Providing designation 100 A one brick flat soling joints filled with local sand including cost of watering, taxes, royalty all complete as per building specification and direction of E/I.		

अथवा देवी

ज्वली देवी सुब्बी देवी



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		Tank		
		Chamber		
			8.928	Sqm
4	5.2.2	Reinforced cement concrete work in wall (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts, etc. Up to floor five level excluding cost of centering, shuttering, finishing and reinforcement. 1:1:5:3(1 cement: 1.5 coarse sand:3 graded stone aggregate 20mm nominal size)		
		Tank		
		Chamber		
			0.893	Cum
5	6.1.12/1	Brick work with bricks of class designation 100A in foundations and plinth in : Cement mortar 1 :4 (1 cement: 4 coarse sand)		
		Tank		
		Chamber		
			5.889	Cum
6	6.18.4A	Half brick masonry with bricks of class designation 100A in foundations and plinth in: Cement mortar 1:4 (1 cement: 4 coarse sand)		

अमित सिंह

जिला देवी मूल



Dhanday

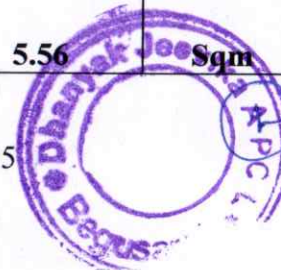
		Tank	4.165	Sqm
7	13.13.2	20mm cement plaster of mix; 1:4(1cement:4coarse sand).		
	13.36.6	Extra for providing and mixing water proofing material in proportion recommended by the manufacturers: 20 mm cement plaster 1:4(1 cement: 4 sand)		
			39.542	Sqm
8	13.26	Neat cement punning.	39.542	Sqm
9	5.2.2	Reinforced cement concrete work in wall (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts, etc. Up to floor five level excluding cost of centring, shuttering, finishing and reinforcement. 1:1:5:3(1 cement: 1.5 coarse sand:3 graded stone aggregate 20mm nominal size)		
			0.932	Cum
10	5.22	Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete.	105.00	Kg
11	5.9.3	Centring and shuttering including strutting, propping etc. and removal of form for. Suspended floors, roots,	7.84	Sqm

अंक 7 है। जल्दी देवी सुब्बा देवी



		landings, balconies, and access platform.		
12	LS	M S chamber cover of septic tank.	5.00	Each
13		Providing and fitting fixing 4" dia P.V.C -T 4 No.,Band 1no.,15' Pipe.		
		Soak pit of 2.13 dia and 4.57 depth with inspection chamber.		
14	2.8.1	Earth work in excavation in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan) including dressing of sides and ramming of bottoms, lift up to 1.5 m .including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m. ALL KINDS OF SOIL.		
			24.06	Cum
15	6.1.12/1	Brick work with bricks of class designation 100A in foundations and plinth in : Cement mortar 1 :4 (1 cement: 4 coarse sand)	1.46	Cum
16	6.18.4A	Half brick masonry with bricks of class designation 100A in foundations and plinth in: Cement mortar 1:4 (1 cement: 4 coarse send)	5.56	Sqm

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17	5.2.2	Reinforced cement concrete work in wall (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts, etc. Up to floor five level excluding cost of centring, shuttering, finishing and reinforcement. 1:1:5:3(1 cement: 1.5 coarse sand:3 graded stone aggregate 20mm nominal size)		
			0.052	Cum
18	5.22	Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete.	90	Kg
19	L S	Supplying and filling brick ballast.	21.68	Cum
ROAD WORK				
1	11.77	Providing and laying 60 mm thick factory-made cement concrete interlocking paver block of M -30 grade made by block making machine with strong vibratory compaction, of approved size, design & shape, laid in required colors and pattern over and including 50 mm thick	1169.900	Sqm

अंश १२)

जली देवी सुन्नी देवी

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		compacted bed of coarse sand, filling the joints with fine sand etc. all complete as per the direction of Engineer-in-charge.		
DRAINAGE WORK				
1		Providing 250mm wide brick drain in cement mortar (1:6) with av. 150mm. Clear depth and 250mm apron including cost of E/W. involved with 75mm cement concrete (1:4:8) over one brick designation 100-A flat soling in proper grade and slope at the base. The drain duly. Plastered in CM. (1:3) with punning over exposed surface all complete as per building specification and direction of E/I,	119.70	Per M
1	18.49.1	Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931 : (15mm nominal bore	Each	18.00
2	18.51	Providing and fixing C.P. brass long body bib cock of approved quality conforming to IS standards and weighing not less than 690 gms. 15 mm nominal bore	Each	15.00

अंशक देवी जली देवी सुवर्णा देवी



Phandra

3	18.52	Providing and fixing C.P. brass stop cock (concealed) of standard design and of approved make confirming to IS:8931		
		15 mm nominal bore	Each	35.00
4	18.21	Providing and fixing PVC connection pipe with brass unions		
	18.21.2	45 cm length		
	18.21.2.1	15 mm nominal bore	Each	25.00
5	18.53	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931 a) 15 mm nominal bore		
	18.53.1	15mm nominal bore	Each	15.00
6		Supplying fitting and fixing the following items complete with all materials as per specifications and direction of E/I		
a	17.33	Providing and fixing 600x120x5mm glass shelf with edges round of supported on anodized aluminum angle frame with C.P brass brackets and guard rail complete fixed with 40mm long screws, rawl plugs etc., complete	Each	12.00
b	17.31	Providing and fixing 600 x 450 mm bevelled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete	Each	12.00
c	17.73	Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fittings arrangement of approved quality and colour.		

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	17.73.2	600 mm long towel rail with total length of 645 mm, width 78 mm and effective height of 88 mm, weighing not less than 190 gms	Each	14.00
d	17.34	Providing and fixing toilet paper holder		
	17.34.1	C.P. brass	Each	11.00
7	18.1	Providing and fixing G.I pipes complete with G.I fittings and clamps, including and making good the wall etc. (internal work)		
		Exposed on wall		
	18.10.2	20 mm dia nominal bore	Metre	45.00
	18.10.3	25 mm dia nominal bore	Metre	45.00
	18.10.4	32 mm dia nominal bore	Metre	35.00
	18.10.5	40 mm dia nominal bore	Metre	45.00
8	18.11	Providing and fixing G.I. concealed pipe including painting with anti-corrosive bitumastic paint, cutting chases and making good the wall		
	18.11.1	15 mm dia nominal bore	Metre	60.00
	18.11.2	20 mm dia nominal bore	Metre	40.00
9	18.38.	Painting G.I. pipes and fittings with synthetic enamel white paint with two coats over a ready mixed priming coat, both of approved quality for new work.		
	18.38.2	20 mm dia nominal bore	Metre	25.00
	18.38.3	25 mm dia nominal bore	Metre	20.00
	18.38.4	32 mm dia nominal bore	Metre	15.00
	18.38.5	40 mm dia nominal bore	Metre	30.00

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Chandra

10	PHED 1.9	Providing and fixing brass gate valve with C.I wheel of approved quality (screwed end)		
	1.9.4	32mm nominal bore	Each	4.00
	1.9.5	40 mm nominal bore	Each	2.00
11	17.28	Providing and fixing P.V.C waste pipe for sink or wash basin including P.V.C waste fittings complete.		
	17.28.1	semi rigid pipe		
	17.28.1.1	32mm dia	Each	15.00
II- SANITARY INSTALLATION				
12	17.1	Providing and fixing water closet squatting pan (Indian type W.C pan) with 100 mm P or S -trap 10 litre low level white P.V.C flushing cistern with manually controlled device (handle lever) conforming to IS:7231, with all fittings and fixtures complete including cutting and making good the walls and floors wherever required.		
	17.1.1	White Vitreous china Orissa patterns W.C pan of size 580 mm x 440 mm with integral type foot rest.	Each	3.00
13	M.R.	Providing and fixing white colour vitreous china wall mounted European type water closet DUNE Cat. No. 120516 mounting Constellation with seat cover and accessories, Pipe work Concealed behind wall & Cast iron Chair Bracket and Rag Bolts flush bend, overflow arrangement with specials of standard make and mosquito proof coupling of approved municipal design complete including painting of fittings and brackets, cutting and making good the walls and floors wherever required:		

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		(Hinware /Shera / Parryware&equivalent make)		
		W.C. pan with ISI marked white solid plastic seat	Each	8.00
14	M.R.	Providing and fixing white coloured counter Top Wash Basin all complete inclusive of taxes and royalty as per specification and direction of Engineer-in-charge. (Hinware /Shera / Parryware&equivalent make)	Each	12.00
15	17.8	Providing and fixing white vitreous china battery based infrared sensor operated urinal of approx. size 610 x 390 x 370 mm having pre & post flushing with water (250 ml & 500 ml consumption), having water inlet from back side, including fixing to wall with suitable brackets all as per manufacturers specification and direction of Engineer-in-charge.	Each	12.00
16	17.1	Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per IS: 13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required:		
	17.10.1.3	510x1040 mm bowl depth 200 mm	Each	3.00
17	12.78.2	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS: 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 110 mm gap for thermal expansion, (i) Single socketed pipes.	Metre	276.00
18	12.79	Providing and fixing on wall face unplasticised -PVC moulded		

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		fittings/accessories for unplasticised - Riging PVC pipes conforming to IS:4985 including jointing with seal ring conforming to IS: 5382 leaving 10mm gap for thermal expansion.		
A	12.79.3.2	Single tee with door		
		110 x 110x 110 mm	Each	10.00
B	12.79.4	single tee without door		
	12.79.4.2	110 x 110x 110 mm	Each	24.00
C	12.79.5.2	Bend		
	12.79.5.2	110 mm bend	Each	72.00
D	12.8	Providing and fixing unplasticised - PVC pipe clips of approved design to unplasticised-PVC rain water pipes by means of 50 x 50 x 50mm hard wood plugs, screwed with M.s screws of required length including cutting brick work and fixing in cement mortar 1;4 (1 cement: 4 coarse sand) and making good the wall etc. complete.110 mm		
19	17.60	Providing and fixing trap of self-cleansing design with screwed down or hinged grating with or without vent arm complete, including cost of cutting and making good the walls and floors.		
	17.60.1	100 mm inlet and 100 mm outlet	Each	20.00
III – SEWERAGE				
20	19.6	Providing and laying non-pressure NP ₂ class (light duty) R.C.C pipes with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement: 2 fine sand) including testing of joints etc. complete.		

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	19.6.2	150 mm dia R.C.C pipe	Metre	60.00
		All kinds of soil		
		Pipes, cables etc. exceeding 80 mm dia. but not exceeding 300 mm dia.	Metre	60.00
21 (a)	19.7	Constructing brick masonry manhole with 75 class designation bricks in cement mortar 1:4 (1 cement: 4 coarse sand) R.C.C top slab with 1:2:4 mix (1 cement: 2 coarse sand: 4 graded stone aggregate 20mm nominal size), foundation concrete 1:4:8 mix (1 cement: 4 coarse sand: 8 graded stone aggregate 40mm nominal size) inside plastering 12mm thick with cement mortar 1:3 (1 cement: 3 coarse sand) finished with floating coat of neat cement and making channels in cement concrete 1:2:4 (1 cement: 2 coarse sand: 4 graded stone aggregate 20mm nominal size) finished with a floating coat of neat cement complete as per standard design:		
	19.7.1	Inside size 90x80 cm and 45 cm deep including C.I cover with frame (light duty) 455 x 610mm internal dimensions, total weight of cover and frame to be not less than 38 kg (weight of cover 23 kg and weight of frame of 15 kg)		
	19.7.1.1	With F.P.S bricks	Each	8.00
(b)	19.7.2	Inside size 120 x 90cm deep including C.I cover with frame (medium duty) 500mm internal diameter, total weight of cover and frame to be not less than 116 kg (weight of cover 58 kg and weight of frame 58 kg.)		
	19.7.2.1	With F.P.S Bricks	Each	2.00

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Chandigarh

22	19.4	Providing and fixing square-mouth S.W gully trap grade 'A' complete with C.I grating brick masonry chamber with water tight C.I cover with frame of 300 x 300mm size (inside) the weight of cover to be not less than 4.50 kg and frame to be not less than 2.70 kg as per standard design.		
	19.4.3	180 x 150mm size P type		
	19.4.3.1	With F.P.S Bricks class designation 75	Each	3.00
3.1.01	1.3.3 BSR 2009.			
		Group C	Point	515.00
3.1.02	1.4.BSR	Wiring for twin control light point with 1.5 sq mm FR PVC insulated copper conductor single core cable in surface / recessed PVC conduit, 2 way modular switch, modular plate, suitable G.I. box etc. as required.	Point	10.00
3.1.03	1.5 BSR	Wiring for light / power plug with 2 x 4 sq. mm FR PVC insulated copper conductor single core cable in surface / recessed PVC conduit alongwith 1 no. 4 sq. mm FR PVC insulated copper conductor single core cable for loop earthing as required.	Meter	6200
3.1.04	1.7. BSR			
(a)	1.7.1	2 x 1.5 sq.mm. + 1 x 1.5 sq. mm earth wire	Meter	500.00
(b)	1.7.2	2 x 2.5 sq.mm. + 1 x 2.5 sq. mm earth wire	Meter	1640.00
(c)	1.7.4	2 x 6 sq.mm. + 1 x 6 sq. mm earth wire	Meter	250.00
(d)	1.7.12	4 x 10 sq.mm. + 1 x 10 sq. mm earth wire	Meter	400.00
(e)	1.7.13	4 x 16 sq.mm. + 1x 16 sq. mm earth wire	Meter	450.00
(f)	1.7.14BSR	4 x 25 sq.mm. + 1 x 16 sq. mm earth wire	Meter	50.0
3.1.05	1.16. BSR			

अंश 7 पृष्ठ

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		2 Pair	Metre	2610.00
		5Pair	Metre	2610.00
		10 Pair	Metre	500.00
3.1.06	1.17 BSR	Supplying and drawing co-axial TV cable RG-6 grade, 0.7 mm solid core copper conductor PE insulated, shielded with fine tinned copper braid and protected with PVC sheath in the existing surface / recessed steel / PVC conduit as required.	Metre	50.00
3.1.07	1.21. BSR	20mm	Metre	1800.00
		25 mm	Metre	2400.00
		32 mm	Metre	1900.00
3.1.08	1.24 BSR			
(a)	1.24.1	6/10A switch	Each	450.00
(b)	1.24.4	5 pin 5/6 A socket outlet	Each	450.00
(C)	1.24.6	Telephone socket outlet	Each	180.00
(d)	1.24.5	6pin 16/20 A socket outlet	Each	300.00
(e)	1.24.3	16/20A switch	Each	300.00
(f)	1.24.7	TV antena socket outlet	Each	1.00
3.1.09	1.27. BSR			
	1.27.1	1 or 2 Module (78 mm x 78 mmx45mm)	Each	120.00
	1.27.2	3 Module (100 mm x 78 mmx45mm)	Each	100.00
	1.27.3	4 Module (140mm x 78 mmx50mm)	Each	12.00
	1.27.4	6 Module (205 mm x 78mmx50mm)	Each	36.00
	1.27.5	8 Module (230mmx78 mm x 60mm)	Each	18.00

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	1.27.6	12Module (135 mm x205mmx 60 mm)	Each	200.00
		18 Module (300 mm 200mmx 60mm)	Each	32.00
3.1.11	1.26 BSR	Supplying and fixing blanking plate on the existing modular plate & switch box excluding modular plate as required.	Each	320.00
3.1.12	1.31 BSR	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess including providing and fixing 5 pin 5/6 amps modular socket outlet and 5/6 amps modular switch, connection, painting etc. as required.(For light plugs to be used in non-residential buildings.)	Each	10.00
3.1.13	1.32 BSR	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 6 pin 20/16 amps modular socket outlet and 20/16 amps modular switch, connection, painting etc. as required.	Each	105.00
3.1.14	2.19 BSR	Supplying and fixing 20 amps, 240 volts, SPN industrial type, socket outlet, with 2 pole and earth, metal enclosed plug top along with 20 amps 'C' series, SP, MCB, in sheet steel inclosure, on surface or in recess, with chained metal cover for the socket outlet and complete with connections, testing and commissioning etc. as required.	Each	63.00
3.1.15	1.33 BSR	Supplying and fixing 2 pin, 5 amp. Ceiling rose on the existing junction box / wooden block including connection etc. as required.	Each	50.00
3.1.16	1.25 BSR	Supplying and fixing stepped type electronic fan regulator on existing modular plate switch box including connection etc. as required.	Each	1.00
3.1.17	1.34 BSR	Supplying and fixing batten / angle holder including connection etc. as required.	Each	40.00
S.H. II : FITTINGS & ACCESSORIES				
3.2.01	M.R. RA 1	Providing and fixing down lamp luminaire on ceiling, Philips make FBS 085 1XPL-C 2P 18W RG-FR OR HPL MAKE:-HCHDR60126(MG) including 18 W lamp	Each	100.00

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		all complete inclusive of taxes and royalty as per specification and direction of E/I.(PHILIPS,HPL,,HAVELS}		
c	M.R. RA-2	Providing and fixing Mirror Light inside Guest Room Toilets, Philips FBS 100 1XPL-C 13W with lamp all-inclusive as per specification and direction of E/I.(philips,bajaj,Havels)	Each	14.00
3.2.03	MR -RA 3	Supplying fitting and fixing 18w LED Recessed down lighter luminaierCATno-HLP LP1418(CW) OF HPL or equivalent make of ,philips,bajaj, with tube and accessories all complete including taxes and royalty as per specification and direction of E/I.	Each	30.00
3.2.04	M.R. RA4	Providing and fixing WING 'C' light-Recessed mounted , 'PHILIPS make Cat. No. FBS 450/236 D6 AGHF with 2 x 36 W CFL all complete as per specification and direction of E/I.	Each	260.00
3.2.05	BSR 1.37	Providing and fixing Ding Dong Bell for surface Mounting all inclusive as per specification and direction of E/I.	Each	15.00
3.2.06	M.R. RA 5 .	Supplying fitting and fixing 400 mm dia sweep wall bracket fan , high quality & high speed, heavy duty ,(Crompton,Havel, Khaitan make) inclusive of all taxes royalty etc. all complete as per specification and direction of E/I.	Each	104.00
3.2.07	M. R. RA .6.	Supplying fitting and fixing 250 mm diaexhaut fan with plastic body and blade, self closing louvers in the fan, to provide off mode protection against birds etc. inclusive of all taxes royalty etc. all complete as per specification and direction of E/I.	Each	7.00
S.H. III : BOARD & D.B.'s				
3.3.01	2.9.4 BSR	Supplying and fixing following way, three pole and neutral, sheet steel, MCB distribution board, 415 volts, on surface/recess, complete with tinned copper busbar, neutral busbar, earth bar, din bar, detachable gland plate, interconnections, phosphatized		

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		and powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator)		
		4 way (4 + 12), Double door, horizontal type	Each	8.00
	2.8.8	8-way Double door SPN DB	Each	2.00
	2.8.9	12-way Double door SPN DB	Each	6.00
	2.9.5	6 way (4 + 18), Double door, horizontal TPN DB.	Each	9.00
3.3.02	BSR 2.12.1	Single pole	Each	425.00
3.3.03	BSR 2.17.			
	2.17.02	40 amps	Each	4.00
	2.17.03	63 amps	Each	4.00
	2.12.7			
	2.12.6	40 amps	Each	5.00
	2.12.7	63 amps	Each	5.00
3.3.04	BSR 2.18.3			
	40 amps	Each	40 amps	4.00
	63 amps	Each	63 amps	4.00
S.H. IV : PANEL, EARTHING & CABLE WORK				
3.4.02	BSR 2.7.8	Providing and fixing 4 pole ON-load/panel mounted Changeover Switch ,IN EXISTING PANEL BOARD ,320 Amp Rating, making connection and earthing the body etc.all complete as per specification and direction of E/I.	Each	1.00
3.4.03	MR RA 7	Providing and fixing 96 MM Square 500 volt V-meter AE all complete as per specification and direction of E/I.	Each	3.00
3.4.04	MR RA8	Providing and fixing Indicator Lamp LED type all complete as per specification and direction of E/I.	Each	3.00

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3.4.05	MR RA 9	Providing and fixing MCB Channel all complete as per specification and direction of E/I.	Meter	6.00
3.4.06	BSR NSR 6.23.1	Fabrication of 16 SWG MS sheet Panel Box including internal wiring (cost of wire to be paid seperately)	Cft.	60.00
3.4.07	RA10	Providing and fixing Bus Bar PVC insulator all complete as per specification and direction of E/I.	Each	40.00
3.4.08	MR.RA11	Providing and fixing Toggle Switch all complete as per specification and direction of E/I.	Each	6.00
3.4.08	MR.RA11	Providing and fixing Toggle Switch all complete as per specification and direction of E/I.	Each	1.00
3.4.10	BSR 2.21.7	Providing and fixing 320 A / 415 V cubical Switch Fuse unit inside the existing cubicle panel board with ISI marked HRC fuses including drilling holes in cubical panel ,making connection etc.as required.	Each	10.00
	BSR 2.4.2	S/F MCCB in cubicle panel board: Providing and fixing following rating and breaking capacity MCCB in existing cubicle panel board including drilling holes in cubicle panel, making connections, etc. as required.25/100 Amp, 16KA	Each	
3.4.11	BSR 2.4.5	S/F MCCB in cubicle panel board: Providing and fixing following rating and breaking capacity MCCB in existing cubicle panel board including drilling holes in cubicle panel, making connections, etc. as required.200 Amp, 35 KA	Each	15.00
3.4.11	BSR 2.4.3	S/F MCCB in cubicle panel board: Providing and fixing following rating and breaking capacity MCCB in existing cubicle panel board including drilling holes in cubicle panel, making connections, etc. as required.125 Amp, 16 KA	Each	1.00
3.4.12	BSR 2.4.8	S/F MCCB in cubicle panel board: Providing and fixing following rating and breaking capacity MCCB in existing cubicle panel board including drilling holes in cubicle panel, making connections, etc. as required.400 Amp, 35 KA	Each	2.00
	BSR 2.5.4	Supplying and fixing 300 amps. TPN, copper busbar complete with all accessories as required	Each	1.00
3.4.13	BSR 2.5.7	Supplying and fixing 600 amps. TPN ,Heavy Duty Copper busbar	Each	120.00
3.4.14	BSR 3.15.	proving and laying earth connection from	Meter	6.00

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		earth electroed with 6 SWG dia G.I. wire in 15mm dia G.I. pipe earth electrode, as required. all complete as per specification and direction of E/I.		
3.4.15	BSR 3.2	Earthing with GI earth pipe 4.5 mtr long, 40mm dia including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc.	Each	6.00
3.4.15	BSR 3.5.	Earthing with G.I earth plate 600 mm X 600mm X 6mm thick including accessories and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 meter long etc . With charcoal /cock and salt as required. .	each	300.00
3.4.16	BSR 3.12	Supplying and fixing 25x6mm G.I. strip at 0.5 meter below ground as strip earth electrode all complete as per specification and direction of E/I.	Meter	30.00
3.4.16	BSR 3.14	Supplying and fixing 25x6mm G.I. strip in 40mm dia G.I. pipe from earth electroed all complete as per specification and direction of E/I.	Meter	50.00
	BSR NSR 6.14.14	Supplying and laying of XLPE /PVC insulated PVC sheathed (Heavy Duty) Armoured Electric Cables with aluminum conductor for working voltage 1100 volts to IS:7098 (Part-1) / IS:1554 (Part-1) as applicable, All complete as per building specification and direction of E/I. 3.5 core 300 sqm	Meter	70.00
	BSR NSR 6.14.12	Supplying and laying of XLPE /PVC insulated PVC sheathed (Heavy Duty) Armoured Electric Cables with aluminum conductor for working voltage 1100 volts to IS:7098 (Part-1) / IS:1554 (Part-1) as applicable, All complete as per building specification and direction of E/I. 3.5 core 185 sqm	Meter	35.00
3.4.17	BSR NSR 6.14.8	Supplying and laying of XLPE /PVC insulated PVC sheathed (Heavy Duty) Armoured Electric Cables with aluminum conductor for working voltage 1100 volts to IS:7098 (Part-1) / IS:1554 (Part-1) as applicable, All complete as per building specification and direction of E/I. 3.5 core 70 sqm	Meter	35.00
3.4.17	BSR NSR 6.14.9	Supplying and laying of XLPE /PVC insulated PVC sheathed (Heavy Duty) Armoured Electric Cables with aluminum conductor for working voltage 1100 volts to IS:7098 (Part-1) / IS:1554 (Part-1) as applicable, All complete as per	Meter	6.00

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Handy

		building specification and direction of E/I. 3.5 core 95 sqm		
A	Price Break up for Supply of Hi-side Equipment			
	Supply of Imported Aircooled Top Discharge Full Inverter VRF SYSTEM Unit with R410a Refrigerant, Aircooled Condenser along with inbuilt microprocessor panel.			
[1]	OUTDOOR UNIT			
	34 HP		Nos.	02
	44 HP		Nos.	01
[2]	VRF Indoor Units			
	High Wall Mounted Split units.			
a	0.8 TR		Nos.	3
b	1 TR		Nos.	15
c	1.28 TR		Nos.	3
d	1.6 TR		Nos.	1
e	2.03 TR		Nos.	1
f	2.28 TR		Nos.	1
	4 Way Cassette Units.			
a	1.28 TR		Nos.	1
b	1.6 TR		Nos.	7
c	2.03 TR		Nos.	13
d	2.57 TR		Nos.	12
a	0.8 TR		Nos.	1
b	1 TR		Nos.	7
c	1.28 TR		Nos.	13
d	1.6 TR		Nos.	12
1.	Refrigerant Joints for Indoor Units		Nos.	54

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B	Price for Supply, Installation & Commissioning of Ancillary Items for VRF		
1	Installation & Commissioning of VRF Units, with outdoor mounting, pressure testing, nitrogen flushing etc	Lot	3
2	Refrigerant Gas (R - 410a) VRF	Kg	60
3	V I Pads- VRF	Lot	10
4	Installation of VRF Indoor Units	Nos.	57
5	Refrigerant Piping with insulation		
	Suction/ Liquid line with Nitrile rubber insulation		
	1 1/2" OD	Rmt	60
	1 1/4" OD	Rmt	15
	1 1/8" OD	Rmt	65
	7/8 " OD	Rmt	65
	3/4 " OD	Rmt	85
	5/8" OD	Rmt	130
	1/2" OD	Rmt	150
	3/8" OD	Rmt	170
	1/4" OD	Rmt	110
	1 1/2" OD	Rmt	60
	1 1/4" OD	Rmt	15
	1 1/8" OD	Rmt	65
	7/8 " OD	Rmt	65
	3/4 " OD	Rmt	85
	5/8" OD	Rmt	130
	1/2" OD	Rmt	150
	3/8" OD	Rmt	170

कंपनी (द्वारा) जूली देवी सुब्बा देवी



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(Dhandra)

	1/4" OD	Rmt	110
2	HDPE Drain piping 32 mm with insulation	Rmt	400
3	Electricals/Cables		
	Control Cable 2C x 1.5 sqm for VRF unit	Rmt	500
ANALOGUE ADDRESSABLE FIRE DETECTION AND ALARM SYSTEM			
1	2 LOOP Analogue intelligent Addressable Fire Alarm Control Panel for addressable devices per loop like SMOKE DETECTOR, HEAT DETECTOR, MULTI DETECTOR, MCP, flasher cum hooter , control modules, response indicators etc. and shall field Programmable and with multiple characters LCD display as per the detailed specification complete with battery backup of 24 hours operation and in 5 minuite alarm operation with battery charger and annunciator window etc. System shall have provision to integrate with your existing.	Nos	1
2	Addressable Photo electric smoke detectors with required accessories along with Junction box & Glands & Terminations.	Nos	90
3	Addressable Rate of rise thermal detectors with required accessories along with Junction box & Glands & Terminations.	Nos	5
4	Addressable Multisensor smoke detectors with required accessories along with Junction box & Glands & Terminations.	Nos	55
5	Addressable Manual call points, ABS plastic, square 4 "x 4" , with Break glass message embedded on the glass, enclosed along with the break glass in junction box & Terminations.	Nos	9
6	Addressable strobe light cum sounder. The strobe light cum sounder shall be made of ABS plastic and have the Db level of 110dbs and a multi tone facility.	Nos	10
7	Response indicator with required accessories.	Nos	55
8	SITC of Addressable Fault isolator modules with required accessories including JB & glands	Nos	7
9	Addressable monitor modules.	Nos	8
10	SITC of Addressable Control modules for activate hooter cum strobe or trip / activate off any device which are related with fire and required accessories including JB & glands	Nos	2
11	Auto glow exit light.	Nos	10

कंत्र १६) जूली देवी सुन्नी देवी



12	Auto dialer.	Nos	1
13	2C x 1.5 sq. mm, CU, PVC insulated FRLS Armored Cable with Accessories confirming to IS standards and specifications. (use for loop line and for 24 v dc line)	Mtr	1500
14	System commissioning charges.	LOT	1
	FIRE EXTINGUISHER		
1	CO2 Type Fire Extinguisher 4.5 Kg Capacity ISI Mark IS:15683 fitted with wheel type ISI mark wheel type valve and all other necessary fittings, Fire Rating: 21 B.	Nos	5
2	CO2 Type Fire Extinguisher 4.5 Kg Capacity ISI Mark IS:15683 fitted with wheel type ISI mark wheel type valve and all other necessary fittings, Fire Rating: 21 B.	Nos	5
3	ABC POWDER 5KG ISI Mark IS:15683	Nos	15
1	Supply and Installation of 1 Megapixel HD dome camera.	Nos	20
2	Supply and Installation of 2 Megapixel HD dome camera.	Nos	12
3	Supply and Installation of DVR with 32 channel camera & audio	Nos	1
4	Supply and Installation of DVR with 32 channel camera & audio	Nos	1
5	Power supply for 32 nos camera.	Nos	1
6	Power supply for 32 nos camera.	Nos	1
7	Supply and laying of Cat-6 data cables in PVC conduit.	Mtr	1000
8	System commissioning charges with connector etc..	Nos	1

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We agree to execute the works in accordance with the approved drawings and technical specifications at a total fixed contract price of
Rs..... (Amount in figures)
(Rs..... amount in words).

Signature of Contractor

Note: Where there is a discrepancy between the rate in figures and words, the rates in words will govern.

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Layout Drawings of the works

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Format of certificate

Certified that the works upto ----- level in respect of construction of -----
-- at ----- have been executed in accordance with the approved drawings and technical specifications.

Signature
Name & Designation (Official address)

Place:
Date:

Office seal

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Form of Bid Security (Bank Guarantee)

[Guarantor letterhead or SWIFT identifier code]

Beneficiary:

[Insert name and address of the Employer]

Invitation for Bids No: [Insert reference number for the Invitation for Bids]

Date: [Insert date of issue]

BID GUARANTEE No.: [Insert guarantee reference number]

Guarantor: [Insert name and address of place of issue, unless indicated in the letterhead]

We have been informed that [insert name of the Bidder, which in the case of a joint venture shall be the name of the joint venture (whether legally constituted or prospective) or the names of all members thereof] (hereinafter called "the Applicant") has submitted or will submit to the Beneficiary its bid (hereinafter called "the Bid") for the execution of [insert description of contract] under Invitation for Bids No. DJAPCL/BGS/-~~944~~-/23-24("the IFB").

Furthermore, we understand that, according to the Beneficiary's conditions, bids must be supported by a bid guarantee.

At the request of the Applicant, we, as Guarantor, hereby irrevocably undertake to pay the Beneficiary any sum or sums not exceeding in total an amount of [insert amount in letters] (insert amount in numbers) upon receipt by us of the Beneficiary's complying supported by the Beneficiary's statement, whether in the demand itself or a separate signed document accompanying or identifying the demand, stating either that the Applicant:

- (a) has withdrawn its Bid during the period of bid validity specified by the Applicant in the Letter of Bid, or any extension thereto provided by the Applicant; or

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- (b) Having been notified of the acceptance of its Bid by the Beneficiary during the period of bid validity, (i) fails to execute the Contract Agreement or (ii) fails to furnish the performance security, in accordance with the Instructions to Bidders (“ITB”) of the Beneficiary’s bidding document.

This guarantee will expire: (a) if the Applicant is the successful Bidder, upon our receipt of copies of the contract agreement signed by the Applicant and the performance security issued to the Beneficiary upon the instruction of the Applicant; and (b) if the Applicant is not the successful Bidder, upon the earlier of (i) our receipt of a copy of the Beneficiary’s notification to the Applicant of the results of the bidding process; or (ii) twenty-eight days after the Validity Period, which date shall be established by presentation to us of copies of the Letter of Bid and any extension(s) thereto, accompanied by the bidding document; or (c) three years after the date of issue of this guarantee.

Consequently, any demand for payment under this guarantee must be received by us at the office indicated above on or before that date.

[signature(s)]

Note: All italicized text is for use in preparing this form and shall be deleted from the final product.

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BANK GUARANTEE FOR ADVANCE PAYMENT

To: _____ [name of Employer]
_____ [address of Employer]
_____ [name of Contract]

Gentlemen:

In accordance with the provisions of the Conditions of Contract, subclause 3.1 of the above-mentioned Contract, _____ [name and address of Contractor] (hereinafter called "the Contractor") shall deposit with _____ [name of Employer] a bank guarantee to guarantee his proper and faithful performance under the said Clause of the Contract in an amount of _____ [amount of guarantee]¹ _____ [in words].

We, the _____ [bank or financial institution], as instructed by the Contractor, agree unconditionally and irrevocably to guarantee as primary obligator and not as Surety merely, the payment to _____ [name of Employer] on his first demand without whatsoever right of objection on our part and without his first claim to the Contractor, in the amount not exceeding _____ [amount of guarantee]¹ _____ [in words].

We further agree that no change or addition to or other modification of the terms of the Contract or of Works to be performed thereunder or of any of the Contract documents which may be made between _____ [name of Employer] and the Contractor, shall in any way release us from any liability under this guarantee, and we hereby waive notice of any such change, addition or modification.

This guarantee shall remain valid and in full effect from the date of the advance payment under the Contract until _____ [name of DJAPCL] receives full repayment of the same amount from the Contractor.

Yours truly
Signature and seal: _____
Name of Bank/Financial Institution: _____
Address: _____
Date: _____

1 An amount shall be inserted by the bank or financial institution representing the amount of the Advance Payment, and denominated in Indian Rupees.

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PERFORMANCE BANK GUARANTEE

To: _____ [name of Employer]
_____ [address of Employer]

WHEREAS _____ [name and address of Contractor] (hereinafter called "the Contractor") has undertaken, in pursuance of Contract No. _____ dated _____ to execute _____ [name of Contract and brief description of Works] (hereinafter called "the Contract");

AND WHEREAS it has been stipulated by you in the said Contract that the Contractor shall furnish you with a Bank Guarantee by a recognized bank for the sum specified therein as security for compliance with his obligations in accordance with the Contract;

AND WHEREAS we have agreed to give the Contractor such a Bank Guarantee;

NOW THEREFORE we hereby affirm that we are the Guarantor and responsible to you, on behalf of the Contractor, up to a total of _____ [amount of guarantee]¹ _____ [in words], such sum being payable in the types and proportions of currencies in which the Contract Price is payable, and we undertake to pay you, upon your first written demand and without cavil or argument, any sum or sums within the limits of _____ [amount of guarantee]¹ as aforesaid without your needing to prove or to show grounds or reasons for your demand for the sum specified therein.

We hereby waive the necessity of your demanding the said debt from the Contractor before presenting us with the demand.

We further agree that no change or addition to or other modification of the terms of the Contract or of the Works to be performed thereunder or of any of the Contract documents which may be made between you and the Contractor shall in any way release us from any liability under this guarantee, and we hereby waive notice of any such change, addition or modification.

This guarantee shall be valid until 28 days from the date of expiry of the Defects Liability Period.

Signature and seal of the guarantor _____
Name of Bank _____
Address _____
Date _____

¹ An amount shall be inserted by the Guarantor, representing the percentage of the Contract Price specified in the Contract including additional security for unbalanced Bids, if any and denominated in Indian Rupees.

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OFFER LETTER FROM THE TENDERER

To,

M/s Ltd

Add:

Dear Sirs,

With reference to the tender invited by you for your project of land development & land filling, civil work and fabrication ofprocessing unit Project at address..... Bihar. India "Project Site" I/We hereby agree to execute the work under the contract at the specified rate mentioned as mentioned in the Schedule of Quantities.

I /We have inspected the site and read all the Instruction to the Tenderer, Articles Of Agreement, General Condition and Special Condition of Contract and all other relevant documents and agree to abide by all the conditions as mentioned and agree to complete the work within the stipulated time frame free of all defects from the date of commencement of work.

I/We shall not claim any cost, charges, expenses incurred by us in connection with the submission of this Tender.

Yours faithfully

Name of the Proprietorship/Partnership Firm/ Company

Names of the Proprietor/Partner/Director/Authorized signatory with Signatures

REMARKS OF THE BIDDER

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Section C. Policy on Corrupt and Fraudulent Practices

“Fraud and Corruption:

1.16 It is required that the bidders, suppliers, contractors and their agents (whether declared or not), sub-contractors, sub-consultants, service providers or suppliers, and any personnel thereof, observe the highest standard of ethics during the procurement and execution of Bank-financed contracts. In pursuance of this policy, the Bank:

- (a) defines, for the purposes of this provision, the terms set forth below as follows:
- (i) “corrupt practice” is the offering, giving, receiving, or soliciting, directly or indirectly, of anything of value to influence improperly the actions of another party;
 - (ii) “fraudulent practice” is any act or omission, including a misrepresentation, that knowingly or recklessly misleads, or attempts to mislead, a party to obtain a financial or other benefit or to avoid an obligation;
 - (iii) “collusive practice” is an arrangement between two or more parties designed to achieve an improper purpose, including to influence improperly the actions of another party;
 - (iv) “coercive practice” is impairing or harming, or threatening to impair or harm, directly or indirectly, any party or the property of the party to influence improperly the actions of a party;
 - (v) “obstructive practice” is
 - (aa) deliberately destroying, falsifying, altering, or concealing of evidence material to the investigation or making false statements to investigators in order to materially impede a an investigation into allegations of a corrupt, fraudulent, coercive or collusive practice; and/or threatening, harassing or intimidating any party to prevent it from disclosing its knowledge of matters relevant to the investigation or from pursuing the investigation, or
 - (bb) acts intended to materially impede the exercise of inspection and audit rights provided for under paragraph 1.16(e) below.

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- (b) will reject a proposal for award if it determines that the bidder recommended for award, or any of its personnel, or its agents, or its sub-consultants, sub-contractors, service providers, suppliers and/or their employees, has, directly or indirectly, engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices in competing for the contract in question;

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