



Government of Pakistan  
**PAKISTAN TELECOMMUNICATION AUTHORITY**  
Headquarters, F-5/1, Islamabad  
<http://www.pta.gov.pk>

"SAY NO TO CORRUPTION"

## **INVITATION TO BID**

Tender No.7/II/2015

### **Repair/Maintenance of Zonal Office Karachi**

1. Pakistan Telecommunication Authority, a Government organization invites sealed bids for repair/maintenance of PTA Zonal Office, Wireless Compound, Opposite Jinnah Hospital, Rafiqui Shaheed Road, Karachi having valid PEC registration for year 2016 and NTN/GST registration.
2. Bidding documents, containing detailed terms and conditions, method of procurement, procedure for submission of bids, bid security, bid validity, opening of bid, evaluation criteria, clarification/rejection of bids, performance guarantee etc are available for the interested bidders from the office of undersigned during working hours i.e. 0830-1630 (Monday-Friday) up to **28-11-2016 by 1030 hours**. Tender Documents can also be downloaded from [www.pta.gov.pk](http://www.pta.gov.pk) free of cost.
3. The bids, prepared in accordance with the instructions in bidding documents, must reach at PTA Zonal Office, Karachi on or before **28-11-2016, 11:00 AM**. Bids shall be opened on the same day at 11:30 AM. This advertisement is also available on PPRA website at [www.ppra.org.pk](http://www.ppra.org.pk)

### **Zonal Director**

Wireless Compound, Opposite Jinnah Hospital,  
Rafiqui Shaheed Road, Karachi  
Ph: 021-35680101, Fax: 021-35680640  
Email: [akhlaqhussain@pta.gov.pk](mailto:akhlaqhussain@pta.gov.pk)



*Government of Pakistan*  
HEADQUARTERS F-5/1, ISLAMABAD.  
[http// www.pta.gov.pk](http://www.pta.gov.pk)

**BIDDING DOCUMENTS**  
**Terms and Conditions**

1. Pakistan Telecommunication Authority, a Government organization invites sealed bids for repair/maintenance of PTA Zonal Office, Wireless Compound, Opposite Jinnah Hospital, Rafiqui Shaheed Road, Karachi having valid PEC registration for year 2016 and NTN/GST registration.
2. Companies must have three (5) years of relevant business experience for the work as per specifications & details given in the BoQ **(Annexure-A)**.
3. **The bidders must submit at least three work orders and completion certificate of such nature of contract amounting to minimum of Rs. 500,000/- each along with the bid .**
4. Notice for inviting tender published on PTA's/PPRA's websites is the integral part of this contract document.
5. Tender is based on MES schedule rates 2014 and all specifications of works and items will be followed as per MES schedule rates.
6. Tender will be evaluated on the lump sum basis as a whole price of the project, whereas, the pricing and evaluation will be considered on the item rates. Final Payment will also be made by measuring actual quantities on itemised basis.
7. PTA has full right to execute any portion of work or whole work or cancel the execution of whole work and full right to increase or decrease the quantum of work or quantities.
8. In case of increase in quantities more than 15%, the prior approval of competent authority of Employer must be obtained otherwise no claim will be entertained on access quantities
9. **Date and time for submission of bids**
  - a. Bidding documents duly completed in all respects shall be submitted on or before 28<sup>th</sup> November, 2016 up to 11:00 AM in the office of PTA Zonal Director, Wireless Compound, Opposite Jinnah Hospital, Rafiqui Shaheed Road, Karachi. The submission and evaluation of bids shall be carried out as per "Single Stage- One Envelope Procedure" of PPRA Rules. The Financial bids will be opened on the same day at 11:30AM, in presence of the bidders or their duly authorized representatives.
  - b. The bid shall comprise of single package containing all required documents and along with bidding documents.

## **10. COMPANY INFORMATION**

The following information is to be submitted on company letter head along with the bid:

- a. Name of Firm \_\_\_\_\_
- b. Date of Establishment of Business \_\_\_\_\_
- c. Address \_\_\_\_\_
- d. Telephone No \_\_\_\_\_ Fax No. \_\_\_\_\_
- e. GST Reg. No \_\_\_\_\_
- f. National Tax No \_\_\_\_\_

## **11. EVALUATION CRITERIA**

- a. Financial Bid having the lowest value and meeting the technical specifications shall be awarded the work
- b. Each page of bid/document should be signed and stamped by the bidder.

## **12. EARNEST MONEY/RETENTION MONEY**

- a. Earnest money in the shape of pay order / bank draft in favour of Pakistan Telecommunication Authority, amounting to 2% of the total bid amount shall be attached with the Financial Proposal (Cheques will not be accepted)
- b. ***Financial bid*** not accompanied with earnest money shall be rejected without any right of appeal.
- c. Earnest money of successful bidder shall be converted into retention money whereas earnest money of unsuccessful bidders will be returned after award of work/supply order to successful bidder.
- d. In case of termination of work order due to fault of the supplier/bidder, the earnest money shall be forfeited in favour of Pakistan Telecommunication Authority.
- e. Retention money will be limited to 6 % of the contract value. Earnest money i.e. 2% of the successful bidder will be converted into retention money. Remaining amount of 4 % shall be deducted at the time of payment of final bill.
- f. Repair/Maintenance during the retention period shall be done by successful bidder free of cost and no payment in this regard shall be made by PTA. If the bidder fails to

do the required repair/maintenance or rectify the fault the same will be done by PTA and payment in this regard shall be deducted from retention money.

- g. The Retention money will be released after the expiry of 1 year period subject to no complaint against the executed work/items from Zonal Director/DD(Civil Works).

### **13. PRICES**

- a. Bidders are required to give only percentage in words & figures, above or below on estimated amount to tender for scheduled and non-scheduled items separately as per BoQ. (**Annexure-A**).
- b. The rates quoted shall remain valid for six (6) months from the date of opening of bids.
- c. Bids %age over/below rates or amounts should be in Pakistani rupees and should be inclusive of all taxes payable to Government of Pakistan or local bodies and no claims in this regard shall be entertained by PTA.
- d. Bids should be inclusive of transportation/carriage charges. .
- e. No claim on Escalation during the currency of contract will be entertained.
- f. No mobilization advance shall be paid.
- g. In case the total bid amount is less than the 10% below the NIT amount of the successful bidder, the bidder shall submit call deposit as performance security equal to the difference between NIT amount and total quoted amount less 10 % of NIT amount. That is, required **performance security**= NIT amount - total bid amount - 10% of NIT amount. This call deposit shall be in addition to the earnest money. This performance security shall be deposited within 10 days of issuance of work order. In case the performance security is not submitted with in the stipulated time period the work order shall be cancelled and earnest money deposited shall be forfeited. The performance security of the successful bidder shall be released after completion of work.
- h. **Performance security** as per above clause, shall be in the form of pay order/demand draft in the name of PTA from any scheduled bank of Pakistan.

### **14. PAYMENT PROCEDURE**

- a. No advance payment/secure advance shall be made against the supply of any material mentioned in this bidding document. Payment of bill/IPC (if any) shall be made after recommendations of DD (Civil Works) and Zonal Director. Final payment shall be made after issuance of satisfactory completion certificate by Zonal Purchase Committee I.

- b. Payment shall be made after deduction of applicable taxes i.e. Income Tax, GST etc. as per Government Rules at source.

**15. Completion Time**

- a. Work is to be started within 7 days of issuance of work order.
- b. Work is to be completed within 45 days after commencement of work.
- c. Vendor shall be responsible for the safe supply, installation/fixing of the material as well as of its labour during the work.

**16. Pakistan Engineering Council Registration**

- a. Bidder must have PEC registration valid for the year 2016.
- b. Bidders not having the above mentioned registration are not allowed to submit the bid.
- c. Non provision of the PEC registration certificate for year 2016 shall also lead to disqualification.

**17. WARRANTY**

- a. Vendor shall provide at least 1 year warranty of all executed works.
- b. The warranty period shall be considered from the date of issuance of completion certificate by PTA.
- c. Warranty certificate shall be provided on the stamp paper duly notarized.

**18. PENALTY**

- a. One % (01) of the total value of work order will be charged as penalty per week (7 days) on late start of workup to a maximum of thirty (30) days. After expiry of thirty (30) days' supply order shall stand cancelled and earnest money shall be forfeited. The firm shall also be black listed and PPRA shall be informed accordingly in this regard.
- b. A penalty of 0.5 % per day of the total value of work shall be imposed if the work is not completed within scheduled time up to a maximum of 10 % of the work cost.

**19. INTEGRAL PART**

- a. **Annexure-A** is part of financial proposal which shall be read/filled carefully, each page must be signed and stamped by the bidder and is to be submitted with the envelope containing the financial proposal

**20. DISQUALIFICATIONS**

Offers are liable to be rejected if; there is any deviation from the instructions as laid down in the bidding documents i.e.

- a. Incomplete BoQ will not be accepted as work will be awarded as a whole.
- b. Splitting of bid in parts is not allowed.
- c. Financial bid is submitted without the required earnest money.
- d. Offers are received after specified date and time.
- e. Specification and other requirements are not properly adhered to or different from those given in the bidding documents.
- f. Copy of valid PEC registration certificate is not attached.
- g. Copy of GST and NTN certificates are not attached.
- h. Company not having experience of 5 years (minimum).
- i. **Copies of at least three work orders and completion certificate of such nature of work amounting to minimum of Rs. 500,000/- each not attached with the bid.**
- j. Any inferior product / specs / requirement that mentioned at **Annexure-A**.
- k. Any overwriting and cutting should be avoided. However, if it is inescapable then each overwriting/cutting is to be signed and stamped by the bidder and certificate in this regard be attached with the financial bid that these cutting/overwriting had been made prior to submission of bids.

#### **21. TURN KEY SOLUTION**

It is a turnkey project where all the material and work quoted in BOQ is to be applied, fabricated, constructed and fixed by the bidder. Every other cost of material and labour which is not mentioned in the **Annex-A** and is required to complete the job be considered and be included in the bidding price.

#### **22. AFFIDAVIT**

Affidavit on Rs. 100/- **Legal Paper** to the effect that the firm has never been black listed by any Government/Semi Government/Autonomous body is to be provided.

#### **23. FORCE MAJEURE**

In case of any circumstances which are beyond the control of contractor as well as client Force Majeure will be applicable.

#### **24. ARBITRATION**

In case of any dispute or conflict between Contractor and Employer, the case will be referred to PC-I, PTA HQs F-5/1, Islamabad. If the decision of PC-1 is not acceptable the case shall be referred to Chairman PTA, whose decision will be final and could not be challenged at any court of law.

#### **25. RIGHTS RESERVED**

Pakistan Telecommunication Authority Islamabad reserves the rights to cancel the bid, accept or reject any bid as per PPRA rules.

## **26. CHECKLIST**

- |    |  |          |
|----|--|----------|
| a. | Earnest money in shape of bank draft/pay order.<br>(Cheques are not acceptable)                    | (Yes/No) |
| b. | Company's Profile  | (Yes/No) |
| c. | List of such projects handled with copies of work orders<br>and completion certificates. (5 years) | (Yes/No) |
| d. | List of clients with telephone numbers and addresses.  | (Yes/No) |
| e. | Affidavit on legal paper for not being black listed.   | (Yes/No) |
| f. | PEC registration Certificate   | (Yes/No) |
| g. | NTN/GST registration certificate   |          |
| h. | Specification and other requirements are met   | (Yes/No) |

**AGREEMENT**

**(To be executed on Rs.100/- Judicial paper)**

THIS Supply and Service Agreement (the "Agreement") for **Repair/maintenance of PTA Zonal Office, Wireless Compound, Opposite Jinnah Hospital, Rafiqi Shaheed Road, Karachi** is made on this day \_\_\_\_\_ 2016;

By and Between

**Pakistan Telecommunication Authority**, a statutory body established under Pakistan Telecommunication (Re-organization) Act, 1996, having its principle office at PTA H/Q, F-5/1, Islamabad (hereinafter referred to as "Client" which expression shall where the context admits include its administrators and assigns) of the One Part

And

\_\_\_\_\_ through Mr..... bearing CNIC..... having place of business at..... hereinafter referred to as "**the Contractor**," which expression shall where the context so allows include his/its successors-in-interest, executors, administrators, heirs and permitted assigns) of the **Other Part**

(If when and where applicable the Party of the One Part and Party of Other Part shall hereinafter be collectively referred to as 'Parties' and individually as 'Party' as the context of this Agreement requires).

**WHEREAS**

- A. Client is desirous of procuring the services of the Contractor for **Repair/maintenance of PTA Zonal Office, Wireless Compound, Opposite Jinnah Hospital, Rafiqi Shaheed Road, Karachi**. (hereinafter referred to as "**Repair/Maintenance of PTA Zonal Office, Karachi**").
- B. The Contractor is a \_\_\_\_\_ (**details of incorporation**) which represents to the Client that it has the relevant expertise and holds valid and subsisting licenses/permissions, authorizations/approvals required from the Government of Pakistan, and that it has the requisite expertise and resources to provide top quality of requisite works as per BoQ to the Client in accordance with highest industry standards and satisfaction of the Client. The Contractor undertakes that the Services shall be provided only through the staff/labour/workforce that has the requisite expertise and experience in this regard.
- C. Upon the basis of the representations and warranties of the Contractor contained herein, the Client wishes to appoint the Contractor to provide the **Repair/Maintenance of PTA Zonal Office, Karachi**;

**NOW THEREFORE**, for the consideration provided herein the representation and warranties, covenants, conditions and promises contained herein below and intending to be legally bound, the Client and hereby agree as follows:

## 1. Scope of Agreement

Subject to terms and conditions of this Agreement the Contractor agrees to supply and fix Tough Pavers as per requirements prescribed under **Bidding Documents to this agreement;**

## 2. Agreement Documents

2.1 In this Agreement, except as otherwise provided, the words, expressions and/or phrases shall have the meanings as defined in the Agreement and documents. The following documents shall be deemed to form, and be read and construed as, part of this Agreement:

- a) Invitation to bid
- b) Bidding documents
- c) Bill of Quantity (BoQ)
- d) General conditions of Contract/ Special Stipulations.
- e) Addenda and Corrigenda, if any, issue by the clients and duly accepted by the contractor at the signing of the Contract.
- f) Earnest money/ Tender Guarantee
- g) Form of Agreement/ Contract Agreement
- h) Clients order to commence the work.
- i) Limit of Retention Money.

3. Any Correspondence by the Clients/Contractor mutually accepted by the Client and the Contractor.

3.1 Upon signing of this Agreement the Contractor shall be obligated to start the work on specified location by Client within \_\_\_\_\_ and complete it within projected time \_\_\_\_\_ calendar days. In case of failure Client will be entitled to deduct any amount payable to Contractor and assign the work to any other Contractor at its discretion.

## 4. Termination

4.1 Notwithstanding anything herein contained Client shall be exclusively entitled to terminate this Agreement

- a. without advance notice, in case the Contractor is in breach of any of the terms of this Agreement, or in case Client is not satisfied with the Services or quality of Equipment's being provided by Contractor;
- b. Without cause, by giving three (03) days advance written notice to the Contractor.
- c. If the supply of tough pavers and services do not meet the specifications, terms & conditions mentioned in bidding documents.
- d. In case of such termination, the Contractor shall only be paid for tough pavers and Services actually rendered up to the date of termination, and any advance payment in respect of Repair/Maintenance of PTA Zonal Office, Karachi not performed or in respect of period falling after the effective date of termination shall be refunded by the Contractor within seven (07) days.

4.2 The Client, shall not, because of expiration or termination of this Agreement, be liable to the Contractor for any compensation, reimbursement, or damages because of the loss or prospective profit or because of expenditures or commitments incurred in connection with the business of the Contractor.

## **5. Deliverables**

5.1 The contractor shall finish the required work after issuance of work order as mentioned in the bidding documents.

5.2 The work should be of best quality and as per technical specifications mentioned in the BOQ/Estimates.

## **6. Charges**

6.1 In consideration of rendition of the Repair/Maintenance of PTA Zonal Office, Karachi by Contractor the Client shall pay the Contractor, charges as specified in Annexure-A to the complete satisfaction of the Client.

6.2 All amounts paid to the Contractor as per above clauses are inclusive of all taxes, levies, duties, and any other deduction related thereto etc. and are acknowledged by the Contractor to be adequate and sufficient consideration for the rendition of Services and Equipment by the Contractor.

6.3 All payments to be made by the Client to the Contractor shall be subject to such deductions and withholding as are required by prevailing laws which shall be to the account of the Contractor.

## **7. Invoice**

7.1 The Contractor shall submit its Invoice in accordance with the rates/charges specified in **Annexure A** hereto.

7.2 The Contractor shall be solely responsible for all payments, liabilities and all other obligations of whatsoever nature pertaining to its staff/workers who shall be deputed for the Services and fixing at the Client's location.

7.3 The Contractor in addition to undertakes to fully indemnify and hold harmless the Client against any claims, losses, damages, or expenses in relation to injury or death to any persons or loss or damage to property arising out of the performance of Services.

7.4 The Contractor and its staff /employees shall be bound to obey safety rules and other regulations prescribed by the Client on its premises. Any losses/damages suffered by the Client due to omission on the part of the Contractor, his staff/employees to abide by this

condition shall be the sole liability of the Contractor and it may result in termination of the Agreement by the Client at its sole discretion.

## **8. Confidentiality**

The Contractor, its/his staff, workers, employees, personnel, agents or any other person acting for him and/or on his behalf shall hold in confidence and complete confidentiality and all documents and other information supplied to the Contractor and his Employees personnel, agents etc. by or behalf of the Client or which otherwise came/come into its/his/their knowledge and relates to the Client or any of its project.

## **9. Indemnification**

The Contractor shall indemnify and hold harmless the Client, its Chairman, Directors, Member Offices, Employees and other Personnel against any and all claims, damages, liabilities, losses, and expenses, whether direct or indirect, or personal injury or death to persons or damage to property arising out of (i) any negligence or intentional act or omission by the Contractor or his employees, personal , agents, etc. in connection with the Agreement, or (ii) arising out of or in connection with the performance of his obligations under this Agreement.

## **10. Resolution of Disputes**

10.1 All disputes arising under this Agreement, whether during the term of this Agreement or after the termination or expiry of this Agreement shall be referred to (i) Purchase Committee-I (PC-I) of the Client for amicable settlement /resolution of the dispute at first stage. (ii) In case of failure in settlement, at the second stage the case will be referred to the Authority of the Client through Director (Administration). The decision of the Authority to settle the issue amicably will be final and will not be challenged at any forum including court of Law. (iii) In the event of failure of amicable settlement of dispute as above, either party may refer the dispute to Arbitration under the provision of Arbitration Act, 1940 and the rules issued thereunder, at Islamabad, Pakistan.

10.2 No All variations amendments and in or modification to the terms of this Agreement shall be made, except be in writing and shall be binding only if duly agreed and signed by both the parties or their duly authorized representatives.

## **11. Force Majeure Event**

11.1 Neither Party shall be held responsible for any loss or damage or failure to perform all or any of its obligations hereunder resulting from a Force Majeure event.

11.2 For the purpose of this Agreement a "Force Majeure Event" shall mean any cause(s) which render(s) a Party wholly or partly unable to perform its obligations under this Agreement and which are neither reasonably within the control of such Party nor the result of the fault or negligence of such Party, and which occur despite all reasonable attempts to avoid, mitigate or remedy, and shall include acts of God, war, riots, civil insurrections, cyclones, hurricanes, floods, fires, explosions, earthquakes, lightning, storms, chemical contamination, epidemics or

plagues, acts or campaigns of terrorism or sabotage, blockades or acts of Governmental Authority after the date of this Agreement.

11.3 In the of the force majeure event the Contractor shall provide 7 days' notice of such event and its inability as a result thereof.

**12. Governing Law**

The provisions of this Agreement and the rights and obligations hereunder shall be governed by and construed in accordance with the prevailing laws of Pakistan.

**13. Waiver**

A party's failure to exercise or delay in exercising any right, power or privilege under this Agreement shall not operate as a waiver; nor shall any single or partial exercise of any right, power or privilege preclude any other or further exercise thereof.

**14. Severability**

The invalidity or unenforceability of any provisions of this Agreement shall not affect the validity or enforceability of any other provision of this Agreement, which shall remain in full force and effect.

**15. Amendment**

All addition amendments and variations to this agreement shall be binding only if in writing and signed by the Parties or their duly authorized representatives.

**16. Assignment**

This Agreement may not be assigned by either party to other than by mutual agreement between the Parties in writing.

**17. Annexure**

Bidding documents pertains to the details of i. general instructions, ii. Special stipulations, iii. Bid Performa and iv. Estimates. This **AnnexureA** along with all documents forms an integral part of this Agreement and has to be read and construed as such this Agreement.

IN WITNESS WHEREOF, the parties hereto set their hands the day, month and year first above written.

For and Behalf of Client.

For and on Behalf of: Contractor

By : \_\_\_\_\_

By: \_\_\_\_\_

Name: \_\_\_\_\_

Title : \_\_\_\_\_

Title : \_\_\_\_\_

Name : \_\_\_\_\_

Signature : \_\_\_\_\_

Signature : \_\_\_\_\_

Date : \_\_\_\_\_

Date : \_\_\_\_\_

Witnesses

1. \_\_\_\_\_

Name \_\_\_\_\_

CNIC \_\_\_\_\_

2. \_\_\_\_\_

Name \_\_\_\_\_

CNIC \_\_\_\_\_

**Tender for Works**

I/ We \_\_\_\_\_ hereby tender for the execution for the PTA of the work specified in the underwritten memorandum with in the time specified in such memorandum at the %age \_\_\_\_\_ above or below for *scheduled items* and %age \_\_\_\_\_ above/below for *non-scheduled items* specified therein, and in accordance in all respects with the specifications, designs, and instructions in writing and with such materials provided for, by and in all others respects in accordance with such conditions so far as applicable.

**MEMORANDUM**

- a) Name of Work .....
- b) NIT amount Rs. ....
- c) Earnest Money Rs. ....
- d) Retention money (Including earnest money) is 6 % of the tendered amount and will be adjusted accordingly as per final bill at the time of Final Bill.
- e) Time allowed for completion of work from the date of commencement of work as specified in written order .....

Should this tender be accepted: I/We hereby agree to abide by and fulfil all the terms and provisions of the said conditions of the contract hereby so far as applicable, or in default thereof to forfeit and pay the PTA or its successor in office the sums of money mentioned in the said conditions.

A deposit at call drawn at \_\_\_\_\_ bearing number \_\_\_\_\_ for the sum of Rs. \_\_\_\_\_ (in \_\_\_\_\_ words

\_\_\_\_\_ ) is herewith forwarded as Earnest Money, a full value of which is to be absolutely forfeited to PTA or its successors in office should I/We withdraw my/our tender with in \_\_\_\_\_(\_\_\_\_\_) days from the date for which period the %age rates offered by me(us) in this should remain valid or should I/We fail to commence the work specified above in the above memorandum.

**Contractor's Signature and Stamp**  
**(along with date)**

**Witness**

.....

(Name in full Letters).....

CNIC no. ....

Address.....

<u>Name of Work</u>		<u>Repair/Maintenance of PTA Zonal Office, Karachi</u>
<b><u>General Abstract of Cost</u></b>		
1	<u>Estimates based on MES Schedule rates 2014</u>	<i>Rs. 1,366,819.36</i>
2	<u>Quoted Percentage</u> _____ <u>above/below</u>	
3	<u>Estimates of Non Schedule Items</u>	<i>Rs. 56,000.00</i>
4	<u>Quoted Percentage</u> _____ <u>above/below</u>	_____
	<u>Earnest Money (2% of the bid amount)</u>	<u>Rs.</u>
5	<u>Amount In words</u> _____ _____ _____ _____	
	<b>Note :</b>	
	i. Contractors are required to give only percentage in words & figures, above or below on estimated amount to tender.	
<u>Sign and Stamp of the Bidder</u>		

**DETAIL ESTIMATE FOR REPAIR/MAINTENACE OF Karachi Zonal Office  
(MES Schedule Rate 2014)**

<b>Scheduled Items</b>						
Sr.no	Refer item	Description of items	Qty	Unit	Rate	Estimated Amount
<b>Civil work</b>						

**SPD Paint**

1	15-10	Removing white or colour wash / distemper surface of plastered surface complete in all respect.	1952	Sqm	31.83	62132.16
2	15-6 & 7	Providing and applying of 02 coat vinyl Distemper (make Burger) complete in all respect.	1952	Sqm	76.03	148410.56
<b>Enamel Paint</b>						0
3	15-60 & 61	2 coat of painting of Enamel paint on new or old surface as iron guard bars, gates railing and similar open work complete in all respect	315	Sqm	90.16	28400.4
<b>Weather Shield</b>						0
4	15-89 & 91	1st coat of Weather resistant paint on exterior wall after removing / scraping the white/ colour wash and distemper from plaster un-plastered surface.	1171	Sqm	192.57	225499.47
<b>Raising of Inspection room B. Wall</b>						0
5	3-61	Providing & Laying PCC solid blocks, for non load bearing walls, as specified in building blocks walls, including setting and jointing in CM 1:3 up to ground floor level.	25	Cum	9430.06	235751.5
6	13-5	13mm thick cement plaster in (1:4) complete in all respect.	220	Sqm	219.01	48182.2
<b>Generator Room Repair</b>						0
7	13-5	13mm thick cement plaster in (1:4) complete in all respect.	220	Sqm	219.01	48182.2

8	15-6 & 7	Providing and applying of 2 coats vinyl Distemper (make Burger) complete in all respect.	75	Sqm	76.03	5702.25
<b>Renovation of wash room on 1st Floor</b>						0
9	17-13	Supply and fixing of WC apparatus or European pattern, (like porta design or equivalent) complete, (coupled set), comprising closet 13Lit flushing cistern, complete, imported china, fixed to concrete best quality complete in all respect in any colour.	1	Each	10505.29	10505.29
10	17-84	Supply and fixing of WHB with pedestal glazed ware, Imported (china) (Like porta design or equivalent) in any colour complete in all respect (Except mixer)	1	Each	7444.54	7444.54
11	28-949	Master Bronco bath room Accessories set (187) of 7pieces consisting of one towel Rod with Bracket , one tooth brush Holder with glass , Cover, one tissue paper holder, one soap dish, one double hook, one towel ring CP & YC.	1	Each	9586	9586
12	17-134	Fixing only	1	Each	700.3	700.3
13	28-901	Common Bath Set with Noble Hand Shower 009/1,010/3,025/1, 027B/1,085/1, 2015/1 (3002) CP & YC. (Set consists of 8 pieces. One Bath Mixer with hand Shower or Wall Shower, one single hole basin mixer, three Tee stop cocks, one double Bib Cock, one waste for basin and one toilet Shower).	1	Each	15412	15412
14	17-140 & 142, 18-228 & 236	Fixing only	1	Each	447.61	447.61
15	17-130	Supply and fix, Brass connection ,with brass union on both ends, 15mm dia, 300mm to 450mm long.	3	Each	198.33	594.99
<b>Laying of New Sewerage Line</b>						0

16	1-1	Excavation as in ordinary soil up to 1.5M in depth all as specified.	21	Cum	181.15	3804.15
17		uPVC pressure pipe 'Class-B' complete , Z- Joint with rubber ring, (excl excavation) supply and fixing.				0
i	18-452	100 mm Dia	125	RM	811.66	101457.5
ii	18-453	150 mm Dia	25	RM	1528.54	38213.5
iii	18-489	uPVC socket 100 mm dia	35	Each	316.03	11061.05
iv	18-490	uPVC socket 150 mm dia	6	Each	516.04	3096.24
v	18-526	uPVC long radius bend 100 mm Dia	6	Each	548.65	3291.9
vi	18-527	uPVC long radius bend 150 mm Dia	4	Each	1774.72	7098.88
vii	18-153	Union socket GI 65 mm dia	2	Each	1007.81	2015.62
viii	18-14	Tube, Water Quality (GI) with all fittings (i.e. sockets, bends, tees, elbows where required) and laid complete in trenches (excl excavation) or fixed to wall, floor (surface or concealed) and ceiling etc., incl caps and plugs as required 65mm dia (medium), supply and fixing.	4	Meter	1197.99	4791.96
18	21-29	Manhole, complete rectangular or circular as described ,Exc, 600mm Deep but not Exc 1800 mm deep , with iron steps of 230mm Brick wall complete in all respect.	1.82	Cum	20528.47	37361.8154
19	21-35	Providing and Laying RCC 'B' class Manhole Cover (precast) complete with Engle Iron Frame embedded in concrete all as per information sheet # Svcs-341.	1	Each	4454.27	4454.27
		<b>Septic Tank</b>				0
20	Composite Item	Construction of Septic Tank for 30 persons as per information sheet MES No 342 & 343	1	Job	68891	68891
<b>Rock Wall</b>						0
21	15-119	Wall finish, coat of Acrylic based marble chips coating (Mesh-16 Large) 1.00mm to 2.00mm thick. In any colour. (NO extra coating of water repellent is required)	600	Sqm	390.55	234330
		<b>Total Scheduled Items (A)</b>				<b>1,366,819.36</b>

### **Non - Schedule Items**

<b>Sr.no</b>	<b>Refer item</b>	<b>Description of items</b>	<b>Qty</b>	<b>Unit</b>	<b>Rate</b>	
<b>Kitchen Cabinet</b>						
22	NS-2	Supply & fixing of Sludge pumping set, submersible, sewerage type with AC electric motor 220 V, Single phase, 50 cycle, 2.5 " dia out put. Imported	2	Each	28000	56000
<b>Total Non-Scheduled Items (B)</b>						
						<b>56000</b>
<b>Estimated Amount (A+B) Rs:</b>						<b>1,422,819.36</b>



## TABLE FOR SEPTIC TANK SIZES & EFFLUENT SOAKWAY DRAIN

Table showing sizes of septic tank						Reference		Table for Effluent soakway drain			
Persons	For sewage & sludge			For sewage only			C.	To drgs no. 1.s / 342 / 346 100 mm $\phi$ cast iron or glazed stone ware branch from intercepting chamber with 150 mm T. Vertical shaft lower portion to be 610 mm below water level and carried about 305 mm above water level	Effluent soakway drain		
	Length	Breadth	Depth	Length	Breadth	Depth			No of persons	Length of effluents Soakway branch drain "n"	
								Porous Soil	Medium soil	Stiff soil	
5	2180	700	1220	1950	700	1220	Minimum Up to 5 persons	15250	22875	30500	
10	2630	700	1220	2180	700	1220		Add per person	1525	2287	3050
15	3200	700	1220	2400	700	1220					
20	3680	700	1220	2630	700	1220					
25	4250	700	1220	2980	700	1220					
30	4700	700	1220	3200	700	1220	H <sup>1</sup> H <sup>2</sup>				
35	5260	700	1220	3430	700	1220	M				
40	5720	700	1220	3650	700	1220	N				
45	6180	700	1220	3890	700	1220	M				
50	6750	700	1220	4250	700	1220	N				
							O				
							R				

