



OFFICE OF THE DEPUTY INSPECTOR GENERAL OF POLICE
TRAFFIC (LICENSING & TRAINING) KARACHI.
11th ZAMZAMA STREET, DRIVING LICENSE BRANCH CLIFTON, KARACHI.
NO. DIGP / TR / (L&T) / Gen/ 3275-79 / 2018 KARACHI, DATED: 16-03-2018.

M/S Ali Jumani Enterprises,
Office # 02, Plot No76-C, Khaban-e-Jami,
Phase-VII DHA Karachi.

WORK ORDER

Subject: **REPAIR & RENOVATION WORK OF DRIVING LICENSE BRANCH NAZIMABAD KARACHI.**

Your offer dated 02-03-2018 for the above subject work.

Part (A) Civil Work Schedule Item.

Total Amount = Rs.2,325,574.

Part (B) Electric Work Schedule Item.

Total Amount = Rs.687,108.

Part (C) Sanitary Work Schedule Item.

Total Amount = Rs.150,470.

Part (D) Non Schedule Item quoted rate.

Total Amount = Rs.2,430,090.

Grand Total = Rs.5,593,242.

2. You should therefore please start the work within (07) days from the date of issue of this work order under supervision of Assistant Engineer Central Police Office Karachi. The work should be completed within (02) months as according with bidding documents of SPPRA Rules 2010 (amendment 2017) & strictly to standard PWD's specification.

3. It should be noted that any type graphical mistake or error in Schedule-B Estimate Superintendent Engineer / Executive Engineer or Assistant Engineer in (Govt) interest during the execution of work will be acceptable to you un conditionally.

- a. You should nominate your agent to whom instruction a site.
- b. If you are a body corporate or partnership you should submit necessary attorney if favour of someone which is to receive cheque/material. A true copy of partnership deed or memo of term and article of association should also please be supplied to this office.

4. Contract will not be sub-leased / sub-contracted to any other firm / individual or company under any circumstances.

(FARHAT ALI JUNEJO) PSP,
Deputy Inspector General of Police
Traffic Licensing & Training
Karachi.

Copy forwarded for favour of information to:-

1. The Addl. IGP Traffic Sindh, Karachi.
2. The AIGP/Logistic, CPO, Sindh Karachi
3. The Assistant Engineer, CPO Sindh, Karachi.
4. PS to IGP Sindh, Karachi.

SINDH PUBLIC PROCUREMENT REGULATORY AUTHORITY

CONTRACT EVALUATION FORM

TO BE FILLED IN BY ALL PROCURING AGENCIES FOR PUBLIC CONTRACTS OF WORKS, SERVICES & GOODS

- 1) NAME OF THE ORGANIZATION / DEPTT. Police Department
- 2) PROVINCIAL / LOCAL GOVT / OTHER Provincial
- 3) TITLE OF CONTRACT Repair & Renovation 2017-18
- 4) TENDER NUMBER NGP/TR/Let/Gen/397-406 dt 9-1-18
- 5) BRIEF DESCRIPTION OF CONTRACT Repair & Renovation of DL Branch Rajimabad Kye.
- 6) FORUM THAT APPROVED THE SCHEME IGP Sindh
- 7) TENDER ESTIMATED VALUE 56,00,000
- 8) ENGINEER'S ESTIMATE 56,02,000
(For civil works only)
- 9) ESTIMATED COMPLETION PERIOD (AS PER CONTRACT) 60 days
- 10) TENDER OPENED ON (DATE & TIME) 6-2-2018
- 11) NUMBER OF TENDER DOCUMENTS SOLD 03
(Attach list of buyers)
- 12) NUMBER OF BIDS RECEIVED 01
- 13) NUMBER OF BIDDERS PRESENT AT THE TIME OF OPENING OF BIDS _____
- 14) BID EVALUATION REPORT (Copy attached)
(Enclose a copy)
- 15) NAME AND ADDRESS OF THE SUCCESSFUL BIDDER M/S Ali Jumani Enterprises
Office No. 76-C, Khayaban-e-Juni
Phase-VII DHA
- 16) CONTRACT AWARD PRICE 5,593,242
- 17) RANKING OF SUCCESSFUL BIDDER IN EVALUATION REPORT M/S Ali Jumani Enterprises
(i.e. 1st, 2nd, 3rd EVALUATION BID).

18) METHOD OF PROCUREMENT USED :- (Tick one)

- a) SINGLE STAGE – ONE ENVELOPE PROCEDURE _____ Domestic/ Local
- b) SINGLE STAGE – TWO ENVELOPE PROCEDURE _____
- c) TWO STAGE BIDDING PROCEDURE _____
- d) TWO STAGE – TWO ENVELOPE BIDDING PROCEDURE _____

PLEASE SPECIFY IF ANY OTHER METHOD OF PROCUREMENT WAS ADOPTED i.e. EMERGENCY, DIRECT CONTRACTING ETC. WITH BRIEF REASONS:

19) APPROVING AUTHORITY FOR AWARD OF CONTRACT DIGP Traffic (L&T) Karachi

20) WHETHER THE PROCUREMENT WAS INCLUDED IN ANNUAL PROCUREMENT PLAN?
 Yes No

21) ADVERTISEMENT :

i) SPPRA Website
 (If yes, give date and SPPRA Identification No.)

| | |
|-----|----------------------------|
| Yes | <u>SPPRA Sr. No. 36149</u> |
| No | |

ii) News Papers
 (If yes, give names of newspapers and dates)

| | |
|-----|--|
| Yes | <u>Daily Express dt 12-1-18</u> <u>Daily Ebrat dt 13-1-18</u> <u>Daily Dawn dt 13-1-18</u> |
| No | |

22) NATURE OF CONTRACT

| | | | | | |
|----------|-------------------------------------|-------|--------------------------|------|--------------------------|
| Domestic | <input checked="" type="checkbox"/> | Local | <input type="checkbox"/> | Int. | <input type="checkbox"/> |
|----------|-------------------------------------|-------|--------------------------|------|--------------------------|

23) WHETHER QUALIFICATION CRITERIA WAS INCLUDED IN BIDDING / TENDER DOCUMENTS?
 (If yes, enclose a copy)

| | | | |
|-----|-------------------------------------|----|--------------------------|
| Yes | <input checked="" type="checkbox"/> | No | <input type="checkbox"/> |
|-----|-------------------------------------|----|--------------------------|

24) WHETHER BID EVALUATION CRITERIA WAS INCLUDED IN BIDDING / TENDER DOCUMENTS?
 (If yes, enclose a copy)

| | | | |
|-----|-------------------------------------|----|--------------------------|
| Yes | <input checked="" type="checkbox"/> | No | <input type="checkbox"/> |
|-----|-------------------------------------|----|--------------------------|

25) WHETHER APPROVAL OF COMPETENT AUTHORITY WAS OBTAINED FOR USING A METHOD OTHER THAN OPEN COMPETITIVE BIDDING?

| | | | |
|-----|--------------------------|----|--------------------------|
| Yes | <input type="checkbox"/> | No | <input type="checkbox"/> |
|-----|--------------------------|----|--------------------------|

26) WAS BID SECURITY OBTAINED FROM ALL THE BIDDERS?

| | | | |
|-----|-------------------------------------|----|--------------------------|
| Yes | <input checked="" type="checkbox"/> | No | <input type="checkbox"/> |
|-----|-------------------------------------|----|--------------------------|

27) WHETHER THE SUCCESSFUL BID WAS LOWEST EVALUATED BID / BEST EVALUATED BID (in case of Consultancies)

| | | | |
|-----|-------------------------------------|----|--------------------------|
| Yes | <input checked="" type="checkbox"/> | No | <input type="checkbox"/> |
|-----|-------------------------------------|----|--------------------------|

28) WHETHER THE SUCCESSFUL BIDDER WAS TECHNICALLY COMPLIANT?

| | | | |
|-----|-------------------------------------|----|--------------------------|
| Yes | <input checked="" type="checkbox"/> | No | <input type="checkbox"/> |
|-----|-------------------------------------|----|--------------------------|

29) WHETHER NAMES OF THE BIDDERS AND THEIR QUOTED PRICES WERE READ OUT AT THE TIME OF OPENING OF BIDS?

| | | | |
|-----|-------------------------------------|----|--------------------------|
| Yes | <input checked="" type="checkbox"/> | No | <input type="checkbox"/> |
|-----|-------------------------------------|----|--------------------------|

30) WHETHER EVALUATION REPORT GIVEN TO BIDDERS BEFORE THE AWARD OF CONTRACT?
 (Attach copy of the bid evaluation report)

| | | | |
|-----|-------------------------------------|----|--------------------------|
| Yes | <input checked="" type="checkbox"/> | No | <input type="checkbox"/> |
|-----|-------------------------------------|----|--------------------------|

31) ANY COMPLAINTS RECEIVED
(If yes, result thereof)

| | |
|-----|-------------------------------------|
| Yes | |
| No | <input checked="" type="checkbox"/> |

32) ANY DEVIATION FROM SPECIFICATIONS GIVEN IN THE TENDER NOTICE / DOCUMENTS
(If yes, give details)

| | |
|-----|-------------------------------------|
| Yes | |
| No | <input checked="" type="checkbox"/> |

33) WAS THE EXTENSION MADE IN RESPONSE TIME?
(If yes, give reasons)

| | |
|-----|-------------------------------------|
| Yes | |
| No | <input checked="" type="checkbox"/> |

34) DEVIATION FROM QUALIFICATION CRITERIA
(If yes, give detailed reasons.)

| | |
|-----|-------------------------------------|
| Yes | |
| No | <input checked="" type="checkbox"/> |

35) WAS IT ASSURED BY THE PROCURING AGENCY THAT THE SELECTED FIRM IS NOT BLACK LISTED?

| | | | |
|-----|-------------------------------------|----|--------------------------|
| Yes | <input checked="" type="checkbox"/> | No | <input type="checkbox"/> |
|-----|-------------------------------------|----|--------------------------|

36) WAS A VISIT MADE BY ANY OFFICER/OFFICIAL OF THE PROCURING AGENCY TO THE SUPPLIER'S PREMISES IN CONNECTION WITH THE PROCUREMENT? IF SO, DETAILS TO BE ASCERTAINED REGARDING FINANCING OF VISIT, IF ABROAD:
(If yes, enclose a copy)


| | | | |
|-----|--------------------------|----|-------------------------------------|
| Yes | <input type="checkbox"/> | No | <input checked="" type="checkbox"/> |
|-----|--------------------------|----|-------------------------------------|

37) WERE PROPER SAFEGUARDS PROVIDED ON MOBILIZATION ADVANCE PAYMENT IN THE CONTRACT (BANK GUARANTEE ETC.)?

| | | | |
|-----|--------------------------|----|--------------------------|
| Yes | <input type="checkbox"/> | No | <input type="checkbox"/> |
|-----|--------------------------|----|--------------------------|

38) SPECIAL CONDITIONS, IF ANY
(If yes, give Brief Description)

| | |
|-----|-------------------------------------|
| Yes | |
| No | <input checked="" type="checkbox"/> |

Signature & Official Stamp of 
Authorized Officer (MUHAMMAD AHMED BAIG)
DSP / Admin
Traffic Licensing & Training
Karachi.

FOR OFFICE USE ONLY

BID EVALUATION REPORT


1. Name of Procuring Agency
Sindh Police
2. Tender Reference No. (Re-tender Notice)
DIGP/TR/(L&T)/Gen/397-406, dated: 09-01-2018.
3. Name of Work/Items
Repair & Renovation Work of Driving License Branch Nazimabad Karachi
4. Method of Procurement
Single Stage One envelope Procedure
5. Tender Published (Print Media)
Date 12-01-2018, INF-KRY: No.176/18.
6. SPPRA Serial No.
36149
7. Total Bid Sold
03
8. Total Bid Received
01
9. Technical Bid opening Date (if applicable)
N/A
10. No of Bid Technically Qualified (if applicable)
N/A
11. Bid (S) Rejected
Nil
12. Tender / Bid Opening Date
06-02-2018
13. Cost of Sanctioned Estimated
Rs.5.74 Million.
14. Bid Evaluation Report:


| S.# | Name of Firms of Bidders | Cost offered by the Bidders | Ranking in Terms of Cost | Comparison with Estimated Cost | Reason for Acceptance/Rejection | Remarks |
|-----|-----------------------------|-----------------------------|--------------------------|--------------------------------|---|-----------|
| 1 | M/S. Ali Jumani Enterprises | Rs.5,593,242 | 1st Lowest | Within Estimated Cost | Accepted as per SPPRA Rule 48 as only one Bid was submitted | Qualified |

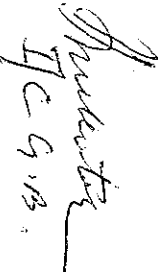
The committee has accepted and recommended the Bid of M/S Ali Jumani Enterprises.



(MUHAMMAD AHMED BAIG)
 DSP / Admin
 Traffic Licensing & Training Karachi


(HAFIZ/SAFDAR)
 Assistant Engineer
 CPO Sindh Karachi


(JAHANZAIB MEMON)
 Information Science & Technology Department
 Government of Sindh

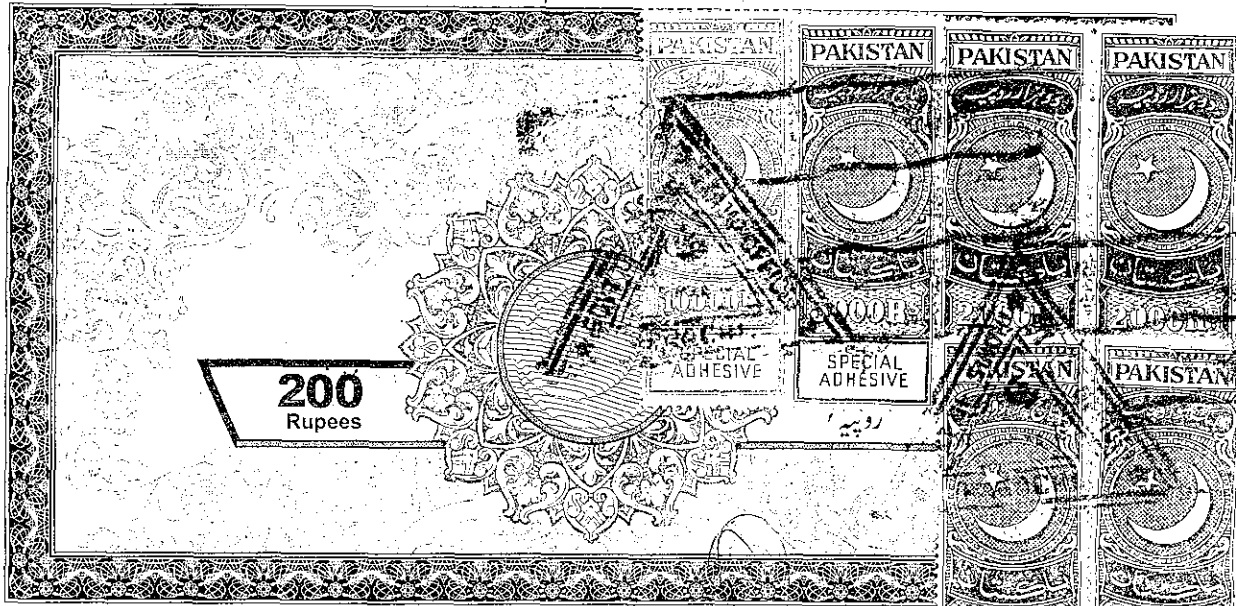

(GHULAM ASGHAR/SHAIKH)
 Deputy Director of Works & Services Department
 Government of Sindh


(FARHAT ALI JUNEJO)
 Deputy Inspector General of Police
 Traffic (Licensing & Training)
 Karachi


(FARHAT ALI JUNEJO)
 Deputy Inspector General of Police
 Traffic (Licensing & Training)
 Karachi

B924186

2-196001-09291
09/03/2018



WANISH AHMAD STAMP VENDOR
S.V. Lic. No. 29, Suit No. 221, 11th Floor,
Taher Plaza, City Centre, Karachi

03 MAR 2018

S. No. 26854 DATE 03 MAR 2018
 TO: TANAS SIDDIQUI
 ADVISOR
 PURPOSE: CONTRACT AGREEMENT
 VALUE RS. 200
 ATTACHED: 02/03/2018
 STAMP VENDOR'S SIGNATURE: [Signature]

THIS CONTRACT AGREEMENT (hereinafter called the Agreement) made on the 05 day of March 2018 between M/S ALI JUMANI ENTERPRISES (hereinafter called the Procuring Agency) of the one part and DEPUTY INSPECTOR GENERAL OF POLICE TRAFFIC (LICENSING & TRAINING) KARACHI, (hereinafter called the Contractor) of the other part.

WHEREAS the Procuring Agency is desirous that certain Works, viz Repair and Renovation Work of driving License Branch Nazimabad, Karachi, Amounting Rs. 5,593,242.66, should be executed by the Contractor and has accepted a Bid by the Contractor for the execution and completion of such Works and the remedying of any defects therein.

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract hereinafter referred to.
2. The following documents after incorporating addenda, if any except those parts relating to Instructions to Bidders, shall be deemed to form and be read and construed as part of this Agreement, viz:
 - (a) The Letter of Acceptance;
 - (b) The completed Form of Bid along with Schedules to Bid;
 - (c) Conditions of Contract & Contract Data;
 - (d) The priced Schedule of Prices/ Bill of quantities (BoQ);
 - (e) The Specifications; and
 - (f) The Drawings
3. In consideration of the payments to be made by the Procuring Agency to the Contractor as hereinafter mentioned, the Contractor hereby covenants with the Procuring Agency to execute and complete the Works and remedy defects therein in conformity and in all respects within the provisions of the Contract.

4. The Procuring Agency hereby covenants to pay the Contractor, in consideration of the execution and completion of the Works as per provisions of the Contract, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.

IN WITNESS WHEREOF the parties hereto have caused this Contract Agreement to be executed on the day, month and year first before written in accordance with their respective laws.

Signature of the Contactor

Ali Juman

(Seal)

ALI JUMANI ENTERPRISES
Proprietor

Signature of the Procuring Agency

[Signature]

(Seal)

Signed, Sealed Delivered in the presence of:

Witness:

[Signature]

Name: Adeel Khan
Address: House # A-170
Saadabad Society Alifteen-e
Tanher Block - 5.

Witness:

[Signature]

Name: Muhammad Amir Younus
Address: C-23 Ishaqabad
Si Shah Salaman Road FB Area.



POLICE DEPARTMENT SINDH

CENTRAL POLICE OFFICE KARACHI



GOVERNMENT OF SINDH

FACE SHEET

| | |
|--------------------------|---|
| FUND HEAD :- | PROVINCIAL GOVERNMENT |
| MAJOR HEAD :- | |
| MINOR HEAD :- | |
| SERVICE HEAD:- | ESTIMATE FOR REPAIR / RENOVATION WORKS FOR DRIVING LICENSE BRANCH, NAZIMABAD, KARACHI. |
| DEPARTMENT HEAD:- | POLICE DEPARTMENT CPO SINDH |
| AMOUNTING TO:- | RS: 5.602 Million |

The Detailed Cost Estimate has been framed in the Office of the Assistant Engineer Central Police Office Sindh Karachi for the Probable expenditure that will be incurred on the above subjected scheme / work.

Name of work: REPAIR / RENOVATION WORKS FOR DRIVING LICENSE BRANCH, NAZIMABAD, KARACHI.

DETAILED COST ESTIMATE

CIVIL WORKS SCHEDULE ITEMS PART (A):

| S.NO | Descriptions | Quantity | Rate | unit | Amount |
|------|---|----------|----------|--------|-------------|
| 1 | Dismantling cement block masonry. (SI.14 / P-10). | 240.339 | 1134.38 | %Cft | 2726.357548 |
| 2 | Removing door with chowkats.(SI.33-a /P-12). | 4 | 142.18 | Each | 568.72 |
| 3 | Removing window and sky light with chowkats (33-b P/12). | 12 | 102.85 | P. No. | 1234.2 |
| 4 | Scraping (b) Ordinary distemper oil bound distemper or Paint on Walls. (SI.54-(b) / P-13). | 8749 | 226.88 | %Sft | 19849.7312 |
| 5 | Dismantling glazed or encaustic tiles etc (SI.55 / P-13). | 1269.71 | 786.5 | %Sft | 9986.26915 |
| 6 | Dismantling cement concrete plain 1:4:8. (SI.19-a/P-10) | 366.045 | 1663.75 | %Cft. | 6090.073688 |
| 7 | Reinforced cement concrete work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds for forms moulds: lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle.) (a) R.C work in roof slab, beams columns rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects. (1) Ratio (1 : 2 : 4) 90 Lbs. cement 2 Cft sand 4 Cft shingle 1/8" to 1/4" gauge. (SI.6(a)(1) / P-16). | 399 | 337 | P/Cft | 13446.3 |
| 8 | Providing and laying 1: 3: 6 Cement concrete solid Block masonry wall above 6" in thickness set in 1: 6 cement mortar in G.F ground floor superstructure including raking out joints & curing etc. complete. (SI.23 / P-19). | 457.59 | 14621.44 | %Cft. | 66906.2473 |
| 9 | Applying floating coat of Cement 1/32" thick.(SI.14/P-53). | 5546.56 | 660 | %Sft | 36607.296 |
| 10 | Cement plaster 1:4 upto 12' height (c) 3/4" thick (SI-11-C/P-52) | 5546.56 | 3015.76 | %Sft | 167270.9379 |
| 11 | Preparing surface & painting with plastic emulsion paint of approved make in/c rubbing the surface with sand paper filing the voids with chalk / plaster of paris and then painting etc complete. (SI-40a+b+b/P-56) | 14746 | 2237.95 | %Sft | 330008.107 |
| 12 | Providing and laying tiles glazed 6" x 6" x 1/4" on floor or wall facing in required colour and pattern of STILE specification jointed in white cement and pigment over a base of 1:2 grey cement mortar 3/4" thick including washing and filling of joints with slurry of white cement and pigment in desired shape with finishing, clearing and cost of wax polish etc. complete including cutting tiles to proper profile. (SI.60/P-47). | 375 | 30509.77 | %Sft | 114411.6375 |
| 13 | Cement concrete plain including placing compacting, finishing, and curing, complete (including screening and washing at stone aggregate without shuttering.(h). Ratio 1: 3: 6. (SI.5-h / P-16). | 100 | 12595 | %Cft | 12595 |
| 14 | First class deodar wood wrought joinery in doors and windows etc, fixed in position including chowkats hold fasts hinges, iron tower bolts, chocks cleats, handles and cords with hooks, etc. Deodar paneled or paneled and glazed, or fully glazed. (b) 1 3/4" thick. (SI.7 (b)/P-65). | 91 | 902.93 | P/Sft | 82166.63 |

| | | | | | |
|------------------------|--|---------|--------|-------|-------------|
| 15 | Providing and fixing with jute felt paper of 60 Lbs over roof in/c cleaning of roof with wire brush and removing dust, applying bitumen coat at the rate of 34 Lbs per % Sft as premix inter coats and then laying felt paper with 10% over laps, then applying and spreading hill sand at the rate of 1 Cft for 100 Sft. The cost also in/c necessary fire material ,kerosene oil, wood etc. (SI.42 / P-39). | 7888 | 106.73 | P/Sft | 841886.24 |
| 16 | P/F cement paving blocks flooring having size 197x97x60 (mm) of city / quddra / cobble shape with having strength b/w 5000 psi to 8500 psi in/c filling the joints with hill sand and laying in specified manner / pattern and design etc complete. (SI-71/P-49) | 2298 | 199.77 | P/Sft | 459071.46 |
| 17 | P/F angle iron vertical Plats for barbed wire fencing of size 2"x2" 1/4" embedded in RCC / Masonry pillars in/c making cuts / holders @ 12" in/c fixing in pillars by chiseling and filling the with cement sand mortar, spraining & finishing the surface (8 P / 95). | 173.33 | 169.18 | P/Rft | 29323.9694 |
| 18 | P/F barbed wire fencing with 12 guage -4 points @ 6" apart barbed wire i/c straightening & fixing in angle iron vertical posts. (SI-9/P- 96) | 1039.98 | 8.38 | P/Rft | 8715.0324 |
| 19 | R.C.C. spout including fixing in position 2-1/2x6"x5" (SI.14/P-18) | 8 | 211.75 | P/Nos | 1694 |
| Total Amount Part (A): | | | | | 2325574.909 |

ELECTRIC WORKS SCHEDULE ITEMS PART (B):

| S.NO | Descriptions | Quantity | Rate | unit | Amount |
|------|--|----------|------|---------|--------|
| 1 | Wiring for plug point with 3/.029 PVC insulated wire in 20mm (3/8") PVC conduit recessed in the wall or column as required.(SI.126 / P-15). | 450 | 985 | P.Point | 443250 |
| 2 | Providing & laying (MAIN or SUB MAIN) PVC insulated with size 2-3/.029 copper conductor in 3/4" dia PVC conduit recessed in the wall or column as required.(SI.8 / P-2). | 500 | 173 | P.Meter | 86500 |
| 3 | Providing & laying (MAIN or SUB MAIN) PVC insulated with size 2-3 /.36 copper conductor in 3/4" dia PVC conduit recessed in the wall or column as required. (SI.9 /P-2) | 500 | 191 | P.Meter | 95500 |
| 4 | Providing & Fixing three pin 10 / 15 Amp Plug & Socket.(SI.224 / P-33). | 36 | 151 | Each | 5436 |
| 5 | Providing & Fixing three pin 5 Amp Plug & Socket.(SI.226 / P-33). | 36 | 151 | Each | 5436 |
| 6 | Providing & fixing three pin 10/15 amp plug & socket flush type.(SI.227 / P-33). | 36 | 162 | Each | 5832 |
| 7 | P/F ammeters size 96/96mm Direct 15A, 30A,50A,60A. & 100A as required & as per instruction of EI. (SI.284/P-41) | 2 | 1054 | P/ No. | 2108 |
| 8 | P/F holder for 125 watts light @ as per site requirement & instruction of Engineer Incharge. (SI.189/P-29) | 48 | 203 | P/ No. | 9744 |
| 9 | P/F circuit breaker 6,10,15,20,30,40,50, & 63 amp DP (TB-SS) on prepared board as required. (SI.204/P-31) | 12 | 2456 | Each. | 29472 |
| 10 | Providing & fixing one way SP 5-Amp switch surface type.(SI.216 / P-33). | 12 | 34 | Each | 408 |
| 11 | Providing & fixing one way SP 5amp switch flush type (33/219) | 12 | 54 | P/ No. | 648 |
| 12 | P/F two way SP 5-amp switch flush type (SI.220/P-33) | 12 | 55 | P/No | 660 |
| 13 | Providing & fixing one way SP 10 / 15amp switch surface type.(SI.218 / P-33). | 2 | 58 | Each | 116 |
| | P/F voltmeter size 96/96 mm 500 volt as required & as per | 2 | 500 | | |

SANITARY WORKS SCHEDULE ITEMS PART (C):

| S.NO | Descriptions | Quantity | Rate | unit | Amount |
|------|--|----------|----------|------|----------|
| 1 | S/F soap tray of made plastic of superior quality and design with fine finishing with CP screws etc complete. | 2 | 169.4 | Each | 338.8 |
| 2 | Providing & fixing chrome lated brass towel rail complete with brackets fixing on wooden cleats with 1" long c.p brass screws. (II) Towel rail 30" long. (a) 3/4" dia round or square (Standard Pattern). (SI.01-II+a / P-07). | 2 | 1082.95 | Each | 2165.9 |
| 3 | (a) S/Fixing long bib-cock of superior quality with c.p head 1/2" dia. (SI.13-a / P-19). | 4 | 1109.46 | Each | 4437.84 |
| 4 | Providing & fixing European white glazed earthen ware wash down W.C pan complete with and in/c the cost of white/black plastic seat (Best Quality) and lid with C.P. brass hinges and buffers, 3 gallons white glazed earthen ware low level flushing cistern with siphon fitting 1-1/2" dia white porcelain enameled flush bend 3/4" dia and making requisite number of holes in walls, plinth and floor for Pipe connections and making good in cement concrete 1:2:4 (Foreign Quality).(SI.5 / P-2). | 2 | 11477.4 | Each | 22954.8 |
| 5 | P/L 24"x18" bevalled edge mirror of Belgium glass complete with 1/8" thick hard board and CP screws fixed to wooden pleat (b) superior quality (SI3-b/P-07) | 2 | 2376 | P/No | 4752 |
| 6 | Providing & fixing 6"x2" or 6"x3" C.I floor trap of the approved self cleaning design with a C.I screwed down granting with or without a vent arm complete with & l/c making requisite number of holes in walls, plinth & floor for Pipe connections & making good cement concrete 1: 2: 4. (SI.20 / P-06). | 4 | 2042.43 | Each | 8169.72 |
| 7 | Add extra for labour for providing & fixing of earthen ware pedestal white or coloured glazed (Foreign or Equivalent).(SI.11 / P-3). | 2 | 2533.47 | Each | 5066.94 |
| 8 | S/F fiber glass tank of approved quality & design and wall thickness as specified in/c cost of nuts bolts and fixing in plate form of cement concrete 1:3:6 and making connection for inlet & out let & over flow pipes etc complete. (SI.3-C /P-21) 500 gallons. | 2 | 37505.42 | Each | 75010.84 |
| 9 | (b) Supplying / Fixing wash basin mixture of superior quality with C.P head 1/2" dia. (SI.14-b / P-19). | 2 | 3179 | Each | 6358 |
| 10 | (a) Supplying & fixing C.P Muslim Shower with double Bib cock & ring Pipe etc complete. (SI.19(a) / P-19). | 2 | 3432 | Each | 6864 |
| 11 | Providing & fixing in position nylon connections complete with 1/2" dia. brass stop cock with pair of brass nuts and lining joints to nylon connection. (SI. 23 / 06). | 1 | 447.15 | Each | 1788.6 |
| 12 | Providing & fixing 24" x 18" lavatory basin in white glazed earthen ware complete with & in/c the cost of W.I or C.I cantilever brackets 6 inches built into walls, painted white in two coats after a primary coat of red lead paint a pair of 1/2" dia rubber plug & chrome plated brass chain 1-1/4" dia. malleable iron or brass unions and making requisite number of holes in walls, plinth & floor for Pipe connections and making good in cement concrete 1:2:4 (Foreign or Equivalent).(SI.10 / P-3). | 2 | 4928 | Each | 9856 |

| | | | | | |
|-----------------------------|--|---|--------|------|-----------|
| 13 | Cancelled C.P. fittings of Superior quality for tiles Bath Rooms.(b) S/Fixing cancelled stop cock of superior quality with C.P. head 1/2" dia.(SI.11(b) / P-18). | 2 | 509.74 | Each | 1019.48 |
| 14 | (a). S/Fixing canceled tee-stop cock of superior quality with C.P head 1/2" dia. (SI.12-a / P-18). | 2 | 843.92 | Each | 1687.84 |
| Total Amount of Part (C): | | | | | 150470.76 |

NON-SCHEDULE ITEMS PART (D):

| S.NO | Descriptions | Quantity | Rate | unit | Amount |
|------|--|----------|------|-------|-----------|
| 1 | Supplying and fixing in position Aluminum channels framing for sliding windows & ventilators of Lucky or equivalent made with 5mm thick tinted glass glazing (Belgium) and aluminum fly screen, handles, stoppers and locking arrangement etc complete. (b) Deluxe Model (Bronze of Champion color) | 336 | 970 | P/Sft | 325920 |
| 2 | Supplying and fixing in position Aluminum channels framing for hinged doors of Lucky or equivalent made with 5mm thick tinted glass glazing (Belgium) and ALPHA (Japan) locks in/c handles, stoppers etc complete. (b) Deluxe Model (Bronze of Champion color) | 56 | 1050 | P/Sft | 58800 |
| 3 | P/F fine quality roller type blind with approved design false & in/c steel angle fixing with steel screws as per window as required @ site as directed by the Engineer Incharge. | 490 | 300 | P/Sft | 147000 |
| 4 | S/F hydraulic door clouser imported quality as directed by the Engineer Incharge. | 6 | 5500 | Each | 33000 |
| 5 | P/Fixing fiber glass shade with fiber glass sheet 2-3mm thick including necessary frame work of angle iron or G.I pipe & fixing sheet with screws in proper design & shape as directed by Engineer Incharge. | 1464.18 | 740 | P/Sft | 1083493.2 |
| 6 | P/F wall bracket fan 18" dia of approved make & quality (Royal/Pak, Millat or equivalent) in/c fixing on wall as directed by the Engineer Incharge | 12 | 4089 | Each | 49068 |
| 7 | P/F ceiling fan 56" sweep Pak/Royal/GFC or equivalent deluxe model in/c carriage from shop to site of work, fixing & necessary lead connection as directed by the Engineer Incharge. | 12 | 4920 | Each | 59040 |
| 8 | P/F fan dimmer of ceiling fan Pak / Royal / GFC of approved quality & make as directed by the Engineer Incharge | 12 | 150 | Each | 1800 |
| 9 | P/F CPVC water supply pipe of AGM or Pak Arab or equivalent with all necessary fittings like elbow, bend, tee etc. This includes fixing on walls with clamps or Jubilee clips upto height of 50'-0 in vertical or horizontal position using Jhoola or long ladder or scaffolding and jointing pipe & fittings with approved solvent / JTG solution. The rate includes all cost of labour, material, and cartage, as directed by Engineer Incharge 1/2" dia | 150 | 93.5 | P/Rft | 14025 |
| 10 | P/F CPVC water supply pipe of AGM or Pak Arab or equivalent all necessary fittings like elbow, bend, tee etc . This includes fixing on walls with clamps or Jubilee clips upto height of 50'-0 in vertical or horizontal position using Jhoola or long ladder or scaffolding and jointing pipe & fittings with approved solvent / JTG solution. The rate includes all cost of labour, material, and cartage, as directed by Engineer Incharge 3/4" dia | 250 | 107 | P/Rft | 26750 |

| | | | | | |
|----------------------------|--|-----|--------|---------|-----------|
| 11 | P/F UPVC water supply pipe of AGM or Pak Arab or equivalent without fittings which will be paid separately. This includes fixing on walls with clamps or Jubilee clips upto height of in vertical or horizontal position using Jhoola or long ladder or scaffolding and jointing pipe & fittings with approved solvent / JTG solution. The rate includes all cost of labour, material, and cartage, as directed by Engineer Incharge 2" dia | 250 | 200 | P/Rft | 50000 |
| 12 | P/F UPVC water supply pipe of AGM or Pak Arab or equivalent with all necessary fittings. This includes fixing on walls with clamps or Jubilee clips upto height of in vertical or horizontal position using Jhoola or long ladder or scaffolding and jointing pipe & fittings with approved cement solvent / JTG solution. The rate includes all cost of labour, material, and cartage, as directed by Engineer Incharge 1" dia | 150 | 167.25 | P/Rft | 25087.5 |
| 13 | P/F RCC pipe 12" dia with collar of class *B* for sewerage line in/c excavating the trench of required dia and depth and then laying pipe in trench jointing and refilling excavated stuff as directed by the Engineer Incharge. | 380 | 750 | P/Rft | 285000 |
| 14 | Construction of manhole or inspection chamber 2'-0"x2'-0" & upto 5'-0" inside depth dimension for required dia of circular sewer with walls of solid block masonry 1:3:6 set in 1:6 cement sand mortar 6" thick with 6" thick C.C. 1:4:8 in foundation. 1/2" thick plaster in 1:4 ratio to all inside wall surface & to top 1" thick C.C. flooring etc including, curing, excavation, back filling & disposal of surplus earth as directed by the Engineer Incharge. | 12 | 5650 | Each | 67800 |
| 15 | P/F RCC man hole cover of 3" thickness embedded with angle iron frame 1-1/2"x1-1/2"x1-1/4" and bars of 3/8" dia mild steel placed at 6" in both way i/c handle in centre for lifting poured with C.C. 1:2:4 in/c curing, finishing etc complete. | 100 | 590 | P/Sft | 59000 |
| 16 | Removing debries from Building in/c collecting from different floors, throwing to stair to ground floor at proper place and then loading on truck and throwing out of city government premises. Fuel & hire charges of truck, loading & unloading etc complete. | 4 | 3500 | P/Truck | 14000 |
| Total Amount of Part (D) | | | | | 2299783.7 |

Grand Total amount in Rupees (A+B+C+D) 5462935
Add 6% Cartage Amount of civil works: 139534
Grand Total amount in Rupees: 5602469
Or say in Million 5.602 Million


(HAFIZ SAIFDAR SHAIKH)
Assistant Engineer,
CPO, Sindh, Karachi

Name of work: REPAIR / RENOVATION WORKS FOR DRIVING LICENSE BRANCH, NAZIMABAD, KARACHI.

MEASUREMENT SHEET

Civil works schedule & non-schedule items:

| S.NO | Descriptions | Nos | length | weidth | height | Unit | total area/quantity |
|------|--|-----|------------|--------|--------|------|---------------------|
| 1 | Dismantling solid block masonry. | | | | | | |
| | long wall of token room | 1 | 10.5 | 0.33 | 10 | Cft | 34.65 |
| | long wall of computer section | 1 | 44.33 | 0.33 | 10 | Cft | 146.289 |
| | long walls of waiting area | 1 | 18 | 0.33 | 10 | Cft | 59.4 |
| | | | | | Total: | Cft | 240.339 |
| 2 | Removing door with chowkats. | | | | | | |
| | Doors | 1 | | | 4 | Nos | 4 |
| 3 | Removing window and sky light with chowkats. | | | | | | |
| | | 1 | | | 12 | Nos | 12 |
| 4 | Scraping (b) Ordinary distemper oil bound distemper or Paint on Walls. 70% allowable. | | | | | | |
| | EMULSION paint | | 14746x65 % | | | Sft | 8749 |
| 5 | Dismantling ecaustic glazed tiles | | | | | | |
| | floor of waiting area | 1 | 28 | 10.5 | | Sft | 294 |
| | floor of computer section | 1 | 44.33 | 14.16 | | Sft | 627.7128 |
| | floor of DSP & Doctor room | 2 | 14.5 | 12 | | Sft | 348 |
| | | | total | | | Sft | 1269.7128 |
| 6 | Dismantling cement concrete plain 1: 3: 6. | | | | | | |
| | entrance area courtyard | 1 | 46 | 31.83 | 0.25 | Cft | 366.045 |
| 7 | Reinforced cement concrete work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds for forms moulds: lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle.) (a) R.C work in roof slab. beams columns rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects. (I) Ratio (1: 2: 4) 90 Lbs. cement 2 Cft sand 4 Cft shingle 1/8" to 1/4" gauge. | | | | | | |
| | over roof | 60 | 1.25 | 1.25 | 4.25 | Cft | 399 |
| 8 | P/L 1:3:6 cement concrete solid block masonry wall below 6" in thickness set in 1:6 cement mortar in ground floor super structure in/c raking out joints & curing etc complete. | | | | | | |
| | raising of front side boundary wall | 1 | 49.5 | 0.33 | 8 | Cft | 130.68 |
| | raising of left side boundary wall | 1 | 77 | 0.33 | 8 | Cft | 203.28 |
| | raising of back side boundary wall | 1 | 15 | 0.33 | 8 | Cft | 39.6 |
| | raising of right side boundary wall | 1 | 31.83 | 0.33 | 8 | Cft | 84.0312 |
| | | | total | | | Cft | 457.5912 |
| 9 | Applying floating coat of Cement 1/32" thick. | | | | | | |
| | front side boundary wall | 2 | 2 | 49.5 | 8 | Sft | 1584 |
| | left side boundary wall | 2 | 2 | 77 | 8 | Sft | 2464 |
| | back side boundary wall | 2 | 2 | 15 | 8 | Sft | 480 |
| | right side boundary wall | 2 | 2 | 31.83 | 8 | Sft | 1018.56 |
| | | | | | total: | Sft | 5546.56 |
| 10 | Cement plaster 1:4 upto 12' height (c) 3/4" thick. | | | | | | |
| | Quantity same as floating coat | | | | | Sft | 5546.56 |
| 11 | Preparing surface & painting with plastic emulsion paint of approved make in/c rubbing the surface with sand paper filling the voids with chalk / plaster of pairs and then painting etc complete. | | | | | | |
| | long walls of hall | 2 | 33 | | 12 | sft | 792 |

| | | | | | |
|------------------------------|---|-----|-------|-----|-------|
| short walls of hall | 2 | 25 | 12 | sft | 600 |
| long walls of post office | 4 | 13 | 12 | sft | 624 |
| short walls of post office | 4 | 12 | 12 | sft | 576 |
| long walls of hall 2 | 4 | 23 | 12 | sft | 1104 |
| short walls of hall 2 | 4 | 25 | 12 | sft | 1200 |
| long walls of room 1 | 4 | 10 | 12 | sft | 480 |
| short walls of room 1 | 4 | 12 | 12 | sft | 576 |
| long walls of room 2 | 2 | 10 | 12 | sft | 240 |
| short walls of room 2 | 2 | 13 | 16 | sft | 416 |
| long walls of room 3 | 4 | 9.5 | 16 | sft | 608 |
| short walls of room 3 | 4 | 13 | 16 | sft | 832 |
| long walls of r hall 3 | 2 | 23 | 12 | sft | 552 |
| short walls of hall 3 | 2 | 24 | 12 | sft | 576 |
| long walls of room DSP room | 6 | 16 | 12 | sft | 1152 |
| short walls of room dsp room | 6 | 13 | 12 | sft | 936 |
| long walls of hall 4 | 2 | 26 | 12 | sft | 624 |
| short walls of hall 4 | 2 | 26 | 12 | sft | 624 |
| long walls of room DSP room | 4 | 52 | 12 | sft | 2496 |
| | | | total | sft | 14746 |

12 Providing and laying tiles glazed 6" x 6" x 1/4" on floor or wall facing in required colour and pattern of STILE specification jointed in white cement and pigment over a base of 1:2 grey cement mortar 3/4" thick including washing and filling of joints with slurry of white cement and pigment in desired shape with finishing, clearing and cost of wax polish etc. complete including cutting tiles to proper profile

| | | | | | |
|-----------|--|--------------|--|-----|-----|
| reception | | 1x(8+14+8)x5 | | sft | 150 |
| Hall | | 25x9 | | sft | 225 |
| | | total | | sft | 375 |

13 Cement concrete plain including placing compacting, finishing and curing, complete (including screening and washing at stone aggregate without shuttering,(h). Ratio 1: 3: 6.

| | | | | | | |
|--------------------|---|----|---|-----|-----|-----|
| plate form in hall | 1 | 25 | 8 | 0.5 | cft | 100 |
|--------------------|---|----|---|-----|-----|-----|

14 First class deodar wood wrought joinery in doors and windows etc, fixed in position including chowkats hold fasts hinges, iron tower bolts, chocks cleats, handles and cords with hooks, etc. Deodar paneled or paneled and glazed, or fully glazed. (b) 1 3/4" thick.

| | | | | | |
|----------------------|---|-------|---|-----|----|
| wooden doors toilets | 2 | 2.5 | 7 | Sft | 35 |
| DSP and Doctor room | 2 | 4 | 7 | Sft | 56 |
| | | total | | Sft | 91 |

15 Providing and fixing with jute felt paper of 60 Lbs over roof in/c cleaning of roof with wire brush and removing dust, applying bitumen coat at the rate of 34 Lbs per% Sft as premix inter coats and then laying felt paper with 10% over laps, then applying and spreading hill sand at the rate of 1 Cft for 100 Sft. The cost also in/c necessary fire material ,kerosene oil, wood etc

| | | | | | | |
|-----------|--|--------|----|--|-----|------|
| over roof | | 100+36 | 58 | | sft | 7888 |
|-----------|--|--------|----|--|-----|------|

16 P/F cement paving blocks flooring having size 197x97x60 (mm) of city / quddra / cobble shape with having strength b/w 5000 psi to 8500 psi in/c filling the joints with hill sand and laying in specified manner / pattern and design etc complete

| | | | | | | |
|-------------|---|-------|----|--|-----|------|
| office.side | 1 | 54 | 41 | | Sft | 2214 |
| | 1 | 14 | 6 | | Sft | 84 |
| | | total | | | Sft | 2298 |

17 P/F angle iron vertical Plats for barbed wire fencing of size 2"x2" 1/4" embedded in RCC / Masonry pillars in/c making cuts / holders @ 12" in/c fixing in pillars by chiseling and filling the with cement sand mortar, spraining & finishing the surface

| | | | | | | |
|--------------------------|---|------|--|--|-----|------|
| front side boundary wall | 1 | 49.5 | | | Rft | 49.5 |
|--------------------------|---|------|--|--|-----|------|

| | | | | | |
|--|---|-------|-------|-----|---------|
| left side boundary wall | 1 | 77 | | Rft | 77 |
| back side boundary wall | 1 | 15 | | Rft | 15 |
| right side boundary wall | 1 | 31.83 | | Rft | 31.83 |
| | | | total | Rft | 173.33 |
| 18 P/F barbed wire fencing with 12 guage -4 points @ 6" apart barbed wire i/c straightening & fixing in angle iron vertical posts. | | | | | |
| front side boundary wall | 6 | 49.5 | | Rft | 297 |
| left side boundary wall | 6 | 77 | | Rft | 462 |
| back side boundary wall | 6 | 15 | | Rft | 90 |
| right side boundary wall | 6 | 31.83 | | Rft | 190.98 |
| | | | total | Rft | 1039.98 |
| 19 R.C.C. spout including fixing in position 2-1/2x6"x5" on roof of each Police station | | | | | |
| | 1 | | 8 | Nos | 8 |

ELECTRIC WORKS SCHEDULE ITEMS PART (B):

| S.NO | Descriptions | Unit | Qty |
|------|--|-----------------------------|-----|
| 1 | Wiring for plug point with 3/029 PVC insulated wire in 20mm (3/4") PVC conduit recessed in the wall or column as required.(SI.126 / P-15) | 1x450 P.Point | 450 |
| 2 | Providing & laying (MAIN or SUB MAIN) PVC insulated with size 2-3/029 copper conductor in 3/4" dia PVC conduit recessed in the wall or column as required.(SI.8 / P-2) | 100+100+100+100+100 P.Meter | 500 |
| 3 | Providing & laying (MAIN or SUB MAIN) PVC insulated with size 2-3 / 36 copper conductor in 3/4" dia PVC conduit recessed in the wall or column as required. (SI.9 / P-2) | 100+100+100+100+100 P.Meter | 500 |
| 4 | Providing & Fixing three pin 10 / 15 Amp Plug & Socket.(SI.224 / P-33) | 1x36 Each | 36 |
| 5 | Providing & Fixing three pin 5 Amp Plug & Socket.(SI.226 / P-33) | 1x36 Each | 36 |
| 6 | Providing & fixing three pin 15 / 15 amp plug & socket flush type.(SI.227 / P-33) | 1x36 Each | 36 |
| 7 | P/F ammeters size 96/96mm Direct 15A, 30A,50A,60A. & 100A as required & as per instruction of EI. (SI.284/P-41) | 1x2 P/ No. | 2 |
| 8 | P/F holder for 125 watts light @ as per site requirement & instruction of Engineer Incharge. (SI.189 P-29) | 2x24 P/ No. | 48 |
| 9 | P/F circuit breaker 6,10,15,20,30,40,50, & 63 amp DP (TB-5S) on prepared board as required. (SI.204/P-31) | 1x12 Each. | 12 |
| 10 | Providing & fixing one way SP 5-Amp switch surface type.(SI.216 / P-33). | 1x12 Each | 12 |
| 11 | Providing & fixing one way SP 5amp switch flush type (33/219) | 1x12 P/ No. | 12 |
| 12 | P/F two way SP 5-amp switch flush type (SI.220/P-33) | 1x12 P/No | 12 |
| 13 | Providing & fixing one way SP 10 / 15amp switch surface type.(SI.218 / P-33). | 1x2 Each | 2 |
| 14 | P/F voltmeter size 96/96 mm 500 volt as required & as per instruction of Engineer Incharge.(SI.285 P-41) | 1x2 Each | 2 |

MECHANICAL WORKS SCHEDULE ITEMS PART (C):

| S.NO | Descriptions | | Unit | Qty |
|------|--|------|------|-----|
| 1 | S/F soap tray of made plastic of superior quality and design with fine finishing with CP screws etc complete. | 1x2 | Each | 2 |
| 2 | Providing & fixing chrome lated brass towel rail complete with brackets fixing on wooden cleats with 1" long c.p brass screws.(II) Towel rail 30" long. (a) 3/4" dia round or square (Standard Pattern). (SI.01-II+a / P-07). | 1x2 | Each | 2 |
| 3 | (a) S/Fixing long bib-cock of superior quality with c.p head 1/2" dia. (SI.13-a / P-19). | 1x4 | Each | 4 |
| 4 | Providing & fixing European white glazed earthen ware wash down W.C pan complete with and in/c the cost of white/black plastic seat (P/L 24"x18" bevelled edge mirror of Belgium glass complete with 1/8" thick hard board and CP screws fixed to wooden pleat (b) superior quality (SI3-b/P-07) | 1x2 | Each | 2 |
| 5 | Providing & fixing 6"x2" or 6"x3" C.I floor trap of the approved self cleaning design with a C.I screwed down granting with or without a vent arm complete with & l/c making requisite number of holes in walls, plinth & floor for Pipe connections & making good cement concrete 1: 2: 4. (SI.20 / P-06). | 1x2 | P/No | 2 |
| 6 | Providing & fixing 6"x2" or 6"x3" C.I floor trap of the approved self cleaning design with a C.I screwed down granting with or without a vent arm complete with & l/c making requisite number of holes in walls, plinth & floor for Pipe connections & making good cement concrete 1: 2: 4. (SI.20 / P-06). | 1x4 | Each | 4 |
| 7 | Add extra for labour for providing & fixing of earthen ware pedestal white or coloured glazed (Foreign or Equivalent).(SI.11 / P-3). | 1x2 | Each | 2 |
| 8 | S/F fiber glass tank of approved quality & design and wall thickness as specified in/c cost of nuts bolts and fixing in plate form of cement concrete 1:3:6 and making connection for inlet & out let & over flow pipes etc complete. (SI.3-C /P-21) 500 gallons | 1x2 | Each | 2 |
| 9 | (b) Supplying / Fixing wash basin mixture of superior quality with C.P head 1/2" dia. (SI.14-b / P-19). | 1x2 | Each | 2 |
| 10 | (a) Supplying & fixing C.P Muslim Shower with double Bib cock & ring Pipe etc complete. (SI.19(a) / P-19). | 1x2 | Each | 2 |
| 11 | Providing & fixing in position nyloon connections complete with 1/2" dia, brass stop cock with pair of brass nuts and lining joints to nyloon connection. (SI. 23 / 06). | 1x4 | Each | 4 |
| 12 | Providing & fixing 24" x 18" lavatory basin in white glazed earthen ware complete with & in/c the cost of W.I or C.I cantilever brackets 6 inches built into walls, painted white in two coats after a primary coat of red lead paint a pair of 1/2" dia rubber plug & chrome plated brass chain 1-1/4" dia, malleable iron or brass unions and making requisite number of holes in walls, plinth & floor for Pipe connections and making good in cement concrete 1:2:4 (Foreign or Equivalent).(SI.10 / P-3). | 1x2 | Each | 2 |
| 13 | Cancelled C.P. fittings of Superior quality for tiles Bath Rooms.(b) S/Fixing cancelled stop cock of superior quality with C.P. head 1/2" dia.(SI.11(b) / P-18). | 1x14 | Each | 2 |
| 14 | (a). S/Fixing canceled tee-stop cock of superior quality with C.P head 1/2" dia. (SI.12-a / P-18). | 1x2 | Each | 2 |

Non-Schedule Items

| | | | | | | |
|---|--|----|---|---|-----|-----|
| 1 | Supplying and fixing in position Alutinium channels framing for sliding windows. aluminium windows in whole building | 14 | 4 | 6 | Sft | 336 |
|---|--|----|---|---|-----|-----|

| | | | | | | |
|----|--|----|-------|------------|--------|---------|
| 2 | Supplying and fixing in position Aluminum channels framing for hinged doors of Lucky or equivalent made with 5mm thick tinted glass glazing (Belgium) and ALPHA (Japan) locks in/c handles, stoppers etc complete. (b) Deluxe Model (Bronze of Champion color) | | | | | |
| | aluminium doors for computer section and record room | 2 | 4 | 7 | sft | 56 |
| | | | total | | Sft | 56 |
| 3 | P/F fine quality roller type blind with approved design false & in/c steel angle fixing with steel screws as per window as required @ site as directed by the Engineer Incharge. | | | | | |
| | windows of building | 14 | 5 | 7 | Sft | 490 |
| 4 | S/F hydraulic door clouser imported quality as directed by the Engineer Incharge. | | | | | |
| | | | | 6 | Nos | 6 |
| 5 | P/Fixing fiber glass shade with fiber glass sheet 2-3mm thick including necessary frame work of angle iron or G.I pipe & fixing sheet with screws in proper design & shape as directed by Engineer Incharge. | | | | | |
| | court yard area | 2 | 23 | 31.83 | Sft | 1464.18 |
| 6 | P/F wall bracket fan 18" dia of approved make & quality (Royal/Pak, Millat or equivalent) in/c fixing on wall as directed by the Engineer Incharge | | | 1x12 | Each | 12 |
| 7 | P/F ceiling fan 56" sweep Pak/Royal/GFC or equivalent deluxe model in/c carriage from shop to site of work, fixing & necessary lead connection as directed by the Engineer Incharge. | | | 2x6 | Each | 12 |
| 8 | P/F fan dimmer of ceiling fan Pak / Royal / GFC of approved quality & make as directed by the Engineer Incharge | | | 2x6 | Each | 12 |
| 9 | P/F CPVC water supply pipe of AGM or Pak Arab or equivalent with all necessary fittings like elbow, bend, tee etc. This includes fixing on walls with clamps or Jubilee clips upto height of 50'-0 in vertical or horizontal position using Jhoola or long ladder or scaffolding and jointing pipe & fittings with approved solvent / JTG solution. The rate includes all cost of labour, material, and cartage, as directed by Engineer Incharge 1/2" dia | | | 100+50 | P/R ft | 150 |
| 10 | P/F CPVC water supply pipe of AGM or Pak Arab or equivalent all necessary fittings like elbow, bend, tee etc. This includes fixing on walls with clamps or Jubilee clips upto height of 50'-0 in vertical or horizontal position using Jhoola or long ladder or scaffolding and jointing pipe & fittings with approved solvent / JTG solution. The rate includes all cost of labour, material, and cartage, as directed by Engineer Incharge 3/4" dia | | | 100+100+50 | P/R ft | 250 |
| 11 | P/F UPVC water supply pipe of AGM or Pak Arab or equivalent without fittings which will be paid separately. This includes fixing on walls with clamps or Jubilee clips upto height of in vertical or horizontal position using Jhoola or long ladder or scaffolding and jointing pipe & fittings with approved solvent / JTG solution. The rate includes all cost of labour, material, and cartage, as directed by Engineer Incharge 2" dia | | | 100+100+50 | P/R ft | 250 |

| | | | | |
|----|--|----------------|---------|-----|
| 12 | P/F UPVC water supply pipe of AGM or Pak Arab or equivalent with all necessary fittings. This includes fixing on walls with clamps or Jubilee clips upto height of in vertical or horizontal position using Jhoola or long ladder or scaffolding and jointing pipe & fittings with approved cement solvent / JTG solution. The rate includes all cost of labour, material, and cartage, as directed by Engineer Incharge 1" dia | 100+50 | P/Rft | 150 |
| 13 | P/F RCC pipe 12" dia with collar of class *B* for sewerage line in/c excavating the trench of required dia and depth and then laying pipe in trench jointing and refilling excavated stuff as directed by the Engineer Incharge. | 100+100+100+80 | P/Rft | 380 |
| 14 | Construction of manhole or inspection chamber 2'-0"x2'-0" & upto 5'-0" inside depth dimension for required dia of circular sewer with walls of solid block masonry 1:3:6 set in 1:6 cement sand mortar 6" thick with 6" thick C.C. 1:4:8 in foundation, 1/2" thick plaster in 1:4 ratio to all inside wall surface & to top 1" thick C.C. flooring etc including, curing, excavation, back filling & disposal of surplus earth as directed by the Engineer Incharge. | 1x2 | Each | 12 |
| 15 | P/F RCC main hole cover of 3" thickness embedded with angle iron frame 1-1/2"x1-1/2"x1-1/4" and bars of 3/8" dia mild steel placed at 6" i/c both way i/c handle in centre for lifting poured with C.C. 1:2:4 in/c curing, finishing etc complete. | 10x2x5 | P/Sft | 100 |
| 20 | Removing debries from Building in/c collecting from different floors, throwing to stair to ground floor at proper place and then loading on truck and throwing out of city government premises, fuel & hire charges of truck, loading & unloading etc complete | 1x4 | P/Truck | 4 |


 (HAFIZ SAQBAR SHAIKH)
 Assistant Engineer,
 CPO, Sindh, Karachi

PROJECT
 REPAIR & RENOVATION WORK FOR
 DRIVING LICENSE BRANCH, Nazimabad, Karachi.

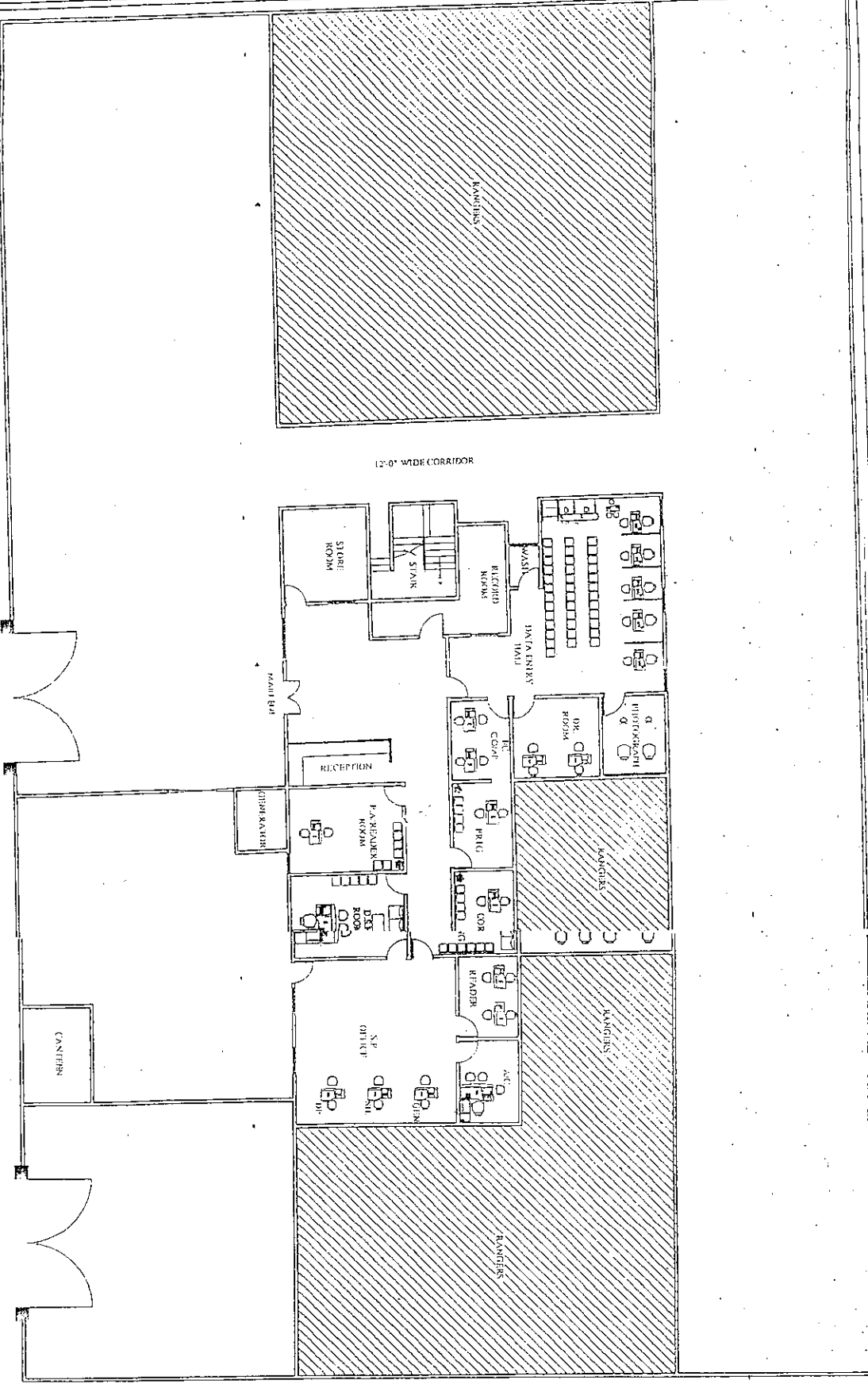
| TITLE | | | EXISTING PLAN | | |
|----------|------|----|---------------|------|----|
| REV. NO. | DATE | BY | REV. NO. | DATE | BY |
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| JOB NO. | CHKD. |
|----------|-------|
| | |
| DRG. NO. | SCALE |
| | |
| DATE | |
| | |

ENGINEERING CELL, FINANCE WING,
 CPO, SINDH, KARACHI

SCALE: 1/2" = 4' 0"

ASSISTANT ENG.
 CPO, SINDH, KARACHI



RATE ANALYSIS.

Supplying and fixing in position Aluminum channels framing for sliding windows & ventilators of Lucky or equivalent made with 5mm thick tinted glass glazing (Belgium) and aluminum fly screen, handles, stoppers and locking arrangement etc complete. (b) Deluxe Model (Bronze or Champion color)

(A) MATERIAL.

UNIT PER / SFT.

Calculation for = 24.00-Sft.

| | | | | | |
|---|---|-----------|-------|--------------------------------|----------|
| 1 | Aluminum framing for sliding windows & ventilators Lucky or equivalent made | 24.00 Sft | 425/- | P/Sft | 10200/- |
| 2 | Fly screen | 24.00 Sft | 150/- | P/Sft | 3600/- |
| 3 | 5mm tinted glass in/c 10% wastage | 26.40 Sft | 230/- | P/Sft | 6072/- |
| | | | | Total Rs. | 19872/- |
| | | | | Add: 10% Contractor Profit .Rs | 1987/20 |
| | | | | (A) Total Rs. | 21859/20 |

(B) LABOUR.

| | | | | | |
|-----|-----------------|-----------|-------|--|------------------------|
| i | Glazier | 0.50 -Nos | 800/- | P/Day. | 400/- |
| ii | Mason | 0.50 -Nos | 800/- | P/Day | 400/- |
| iii | Coolie / Helper | 0.50 -Nos | 500/- | P/Day | 250/- |
| iv | Carriage | Lum sum | 150/- | Lum sum | 150/- |
| | | | | Total Rs. | 1200/- |
| | | | | Add 10% Sundries Rs. | 120/- |
| | | | | Total Rs. | 1320/- |
| | | | | Add: 10% Contractor Profit .Rs | 132/- |
| | | | | (B) Total Rs:- | 1452/- |
| | | | | G. Total (A+B) 21859/20 (+) 1452/- Rs. | 23311/20 |
| | | | | | 23311/20 = 24 = 971/30 |
| | | | | Say Rs. | 970/- P/Sft |


ASSISTANT ENGINEER,
CENTRAL POLICE OFFICE,
KARACHI.

RATE ANALYSIS.

Supplying and fixing in position Aluminum channels framing for hinged doors of Lucky or equivalent made with 5mm thick tinted glass glazing (Belgium) and ALPHA (Japan) locks in/c handles, stoppers etc complete. (b) Deluxe Model (Bronze of Champion color)

(A) MATERIAL.

UNIT PER / SFT.

Calculation for 4.0 x 7.0 = 28.00-Sft.

| | | | | | |
|---|---|-----------|--------|--------------------------------|----------|
| 1 | Aluminum framing for hinged doors Lucky or equivalent made | 28.00 Sft | 600/- | P/Sft | 16800/- |
| 2 | Door Lock ALPHA (Japan) | 01 No | 1500/- | Each | 1500/- |
| 3 | 5mm tinted glass in/c 10% wastage | 30.80 Sft | 230/- | P/Sft | 7084/- |
| | | | | Total Rs. | 25384/- |
| | | | | Add: 10% Contractor Profit .Rs | 2538/40 |
| | | | | (A) Total Rs. | 27922/40 |

(B) LABOUR.

| | | | | | |
|-----|-----------------|-----------|-------|--|--------------|
| i | Glazier | 0.50 -Nos | 800/- | P/Day. | 400/- |
| ii | Mason | 0.50 -Nos | 800/- | P/Day | 400/- |
| iii | Coolie / Helper | 0.50 -Nos | 500/- | P/Day | 250/- |
| iv | Carriage | Lum sum | 150/- | Lum sum | 150/- |
| | | | | Total Rs. | 1200/- |
| | | | | Add 10% Sundries Rs. | 120/- |
| | | | | Total Rs. | 1320/- |
| | | | | Add: 10% Contractor Profit .Rs | 132/- |
| | | | | (B) Total Rs:- | 1452/- |
| | | | | G. Total (A+B) 27922/40 (+) 1452/- = Rs. | 29374/40 |
| | | | | 29374/40 ÷ 28 = | 1049/08 |
| | | | | Say Rs. | 1050/- P/Sft |


ASSISTANT ENGINEER,
CENTRAL POLICE OFFICE,
KARACHI.

RATE ANALYSIS.

P/Fixing fiber glass shade with fiber glass sheet 2-3mm thick including necessary frame work of angle iron or G.I pipe & fixing sheet with screws in proper design & shape as directed by Engineer Incharge.

UNIT PER / SFT.

Calculation for 10x12.0 - 120.00- Sft.

(A) MATERIAL

| | | | | | |
|-----|---|-------------|-------|-----------------------------|----------|
| i | Fiber glass sheet (3mm) with ultra violet resistance coat (shadel'- 0 extra every side(1x12.0x14.0) = 168.08 | 168.08 Sft. | 210/- | P/Sft. | 35296/80 |
| ii | Mild steel base plate 6"x6" (with making 4-Nos hole 5mm thick in/c C.C. work) | 06- Nos. | 450/- | Each. | 2700/- |
| iii | Rawal bolt (6-pole x 4-pole = 24-Nos | 24- Nos. | 75/- | Each. | 1800/- |
| iv | G.I. pipe 2" dia (6x12.0 = 72.00) | 72.00- Rft. | 165/- | P/Rft. | 11880/- |
| v | Hollow steel pipe (Rectangle shape) 1"x2" for (2x15.0 = 30.00 Rft (2x10.0 = 20.00 Rft = 50.00 Rft. | 50.00- Rft. | 115/- | P/Rft. | 5750/- |
| vi | Oil paint (for structure paint) | 02- Qtr. | 450/- | P/ Qtr. Each | 900/- |
| vii | Thinner | 01- litter | 95/- | P/litter | 95/- |
| | | | | Total Rs. | 58421/80 |
| | | | | Add: 10% Contractor Profit. | 5842/18 |
| | | | | A) Total | 64263/98 |

(B) LABOUR.

| | | | | | |
|-----|---------------------------------------|-----------|--------|--|----------|
| i | Fabricator / black smith | 05- Nos. | 800/- | P/Day. | 4000/- |
| ii | Welder | 04- Nos. | 800/- | P/Day. | 2400/- |
| iii | Painter | 02- Nos. | 800/- | P/Day. | 1200/- |
| iv | Fiber sheet cutter skilled | 02- Nos. | 800/- | P/Day. | 1200/- |
| v | Helper for above four job. | 13- Nos. | 500/- | P/Day. | 6500/- |
| vi | Hire charges of welding plant. | 04- Days. | 600/- | P/Day. | 2400/- |
| vii | Carriage charges of pipe & sheet etc. | Lum sum | 2500/- | Lum sum | 2500/- |
| | | | | Total Rs. | 20200/- |
| | | | | Add 10% Sundries | 2020/- |
| | | | | Total Rs. | 22220/- |
| | | | | Add 10% Contractor Profit | 2222/- |
| | | | | B) Total Rs | 24442/- |
| | | | | G.Total (A+B) 64263/80 (+) 24442/- = Rs. | 88705/98 |
| | | | | 88705/98 (+) 120.00 | 739/21 |
| | | | | Say Rs. | 740/- |
| | | | | P.Sft | |


 ASSISTANT ENGINEER.
 CENTRAL POLICE OFFICE.
 KARACHI.

RATE ANALYSIS.


P/F Hydraulic door closure imported quality as directed by Engineer Incharge

(A) MATERIAL

| | | | | | |
|----|------------------------|------|------|---------------------------------|--------|
| 01 | Hydraulic door closure | 1 no | 4400 | Each | 4400/= |
| | | | | Total Rs. | 4400/= |
| | | | | Add: 10% Contractor Profit .Rs. | 440/- |
| | | | | (A) Total Rs:- | 4840/= |

(B) LABOUR.

| | | | | | |
|---|-----------------------------------|--------|-----|----------------------|-------------|
| 1 | Skilled carpenter man with helper | Lumsum | 500 | Each | 500/= |
| 2 | Carriage | Lumsum | 100 | Each | 100/= |
| | | | | Total Rs. | 600/- |
| | | | | Add 10% Sundries Rs. | 60/- |
| | | | | Total Rs. | 660/= |
| | | | | G. Total (A+B) | 5500/= |
| | | | | Say Rs. | 5500/= Each |


ASSISTANT ENGINEER
CENTRAL POLICE OFFICE.
KARACHI.

RATE ANALYSIS.

P/F fine quality roller type blind with approved design false & in/c steel angle fixing with steel screws as per window as required @ site as directed by the Engineer Incharge.

(A) MATERIAL.

UNIT PER RFT.

Calculation for 4.0 x 5.0 = 20.00-Sft.

| | | | | | |
|-----|------------------------------------|------------|-------|--------------------------------|--------|
| 1). | Approved fabric with roller system | 20.00 Sft. | 230/- | P/Sft. | 4600/- |
| 2 | Steel coated angle. | 02 Nos | 200/- | Each. | 400/- |
| | Steel screw 1-1/2" | 04 Nos | 20/- | Each. | 80/- |
| | | | | Total Rs. | 5080/- |
| | | | | Add 10% Contractor Profit Rs:- | 508/- |
| | | | | (A) Total Rs. | 5588/- |

(B) LABOUR.

| | | | | | |
|---|---|---------|-------|----------------------------------|-----------|
| 1. | Skilled Carpenter (for 20.00 Sft in/c setting) | 1/6 No | 800/- | Lum sum | 134/- |
| 2 | Cartage. | Lum sum | 150/- | Lum sum | 150/- |
| | | | | Total | 284/- |
| | | | | Add 10% Sundries. Rs:- | 13/- |
| | | | | Total | 431/- |
| | | | | Add 10% Contractor Profit Rs:- | 43 |
| | | | | Total B | 474/10 |
| | | | | G. Total (A+B) 5588/- (+) 474.10 | 6062 |
| | | | | 6062/50 (+) 20 = | 303.1 |
| | | | | Say Rs. | 300 P/sft |
| Certified that the rate provided in the estimate are lowest & prevailing from market. | | | | | |


ASSISTANT ENGINEER,
CENTRAL POLICE OFFICE,
KARACHI.

RATE ANALYSIS.

P/F wall bracket fan 18" dia of approved make & quality (Royal/Pak, Millat or equivalent) in/c fixing on wall as directed by the Engineer Incharge.

(A) MATERIAL.

UNIT PER / EACH.

| | | | | | |
|---------------------------------|--|---------|--------|--------|--------|
| 1 | Wall bracket fan 18" dia | 01 - No | 3200/- | Each | 3200/- |
| 2 | Necessary fittings wire, screws, wire clips etc. | L. sum | 50/- | L. sum | 50/- |
| Total Rs. | | | | | 3250/- |
| Add: 10% Contractor Profit .Rs. | | | | | 325/- |
| (A) Total Rs. | | | | | 3575/- |

(B) LABOUR.

| | | | | | |
|--|-------------|-----------|-------|--------|---------|
| i | Electrician | 1/4 -Nos | 800/- | P/Day. | 200/- |
| ii | Helper | 1/4 - Nos | 500/- | P/Day | 125/- |
| iv | Cartage | L. sum | 100/- | L. sum | 100/- |
| Total Rs. | | | | | 425/- |
| Add 10% Sundries Rs. | | | | | 42/50 |
| Total Rs. | | | | | 467/50 |
| Add: 10% Contractor Profit .Rs | | | | | 46/75 |
| (B) Total Rs:- | | | | | 514/25 |
| G. Total (A+B) 3575/- (+) 514/25 = Rs. | | | | | 4089/25 |
| Say Rs. | | | | | 4089/- |
| P/Each | | | | | |
| Certified that the rates provided in the estimate are lowest & prevailing from Market. | | | | | |



ASSISTANT ENGINEER,
CENTRAL POLICE OFFICE, KARACHI.

RATE ANALYSIS.

P/F ceiling fan 56" sweep Pak/Royal/GFC or equivalent deluxe model in/c carriage from shop to site of work, fixing & necessary lead connection as directed by the Engineer Incharge.

(A) MATERIAL.


UNIT PER EACH.

| | | | | | |
|----|------------------------|--------|--------|--------------------------------|--------|
| 1 | Ceiling fan 56" sweep. | 01- No | 3600/- | Each. | 3600/- |
| 2. | Wire, clips screws. | L. sum | 50/- | L. sum | 50/- |
| | | | | Total Rs:- | 3450/- |
| | | | | Add 10% contractor Profit Rs:- | 365/- |
| | | | | (A) Total Rs. | 4015/- |

(B) LABOUR.

| | | | | | |
|----|--------------|---------|-------|--------------------------------------|--------------|
| 1 | Electrician. | 1/2-No. | 800/- | P/Day | 400/- |
| 2. | Helper | 1/2-No. | 500/- | P/Day | 250/- |
| 3 | Carriage . | L. sum | 100/- | L. Sum | 100/- |
| | | | | Total | 750/- |
| | | | | Add 10% sundries Rs:- | 75/- |
| | | | | Total | 825/- |
| | | | | Add 10% contractor Profit Rs:- | 82/50 |
| | | | | Total B. | 907/50 |
| | | | | G. Total (A+B) 4015/- (+) 907/50 = . | 4922/50 |
| | | | | Say Rs. | 4920/- Each. |

Certified that the rate provided in the estimate are lowest & prevailing from Market.


ASSISTANT ENGINEER,
CENTRAL POLICE OFFICE,
KARACHI.

RATE ANALYSIS.

P/F fan dimmer of ceiling fan Pak / Royal / GFC of approved quality & make as directed by the Engineer Incharge

(A) MATERIAL.

UNIT PER SFT.

| | | | | | |
|----|---------------------------|---------|------|--------------------------------|-------|
| 1 | Fan dimmer | 01 Nos | 75 | Each. | 75/- |
| 2. | Screws | Lum Sum | 05/- | L.sum | 05/- |
| 3 | Wire 3/029 for connection | Lum Sum | 05/- | L.sum | 05/- |
| | | | | Total Rs:- | 85/- |
| | | | | Add 10% contractor Profit Rs:- | 08/50 |
| | | | | (A) Total Rs. | 93/50 |

(B) LABOUR.

| | | | | | |
|---|-------------------------------|---------|------|------------------------------------|------------|
| 1 | Electrician. | Lum Sum | 30/- | L.sum | 30/- |
| 2 | Helper for carriage stool etc | Lum Sum | 10/- | L.sum | 10/- |
| 3 | Carriage | Lum Sum | 10/- | L.sum | 10/- |
| | | | | Total | 50/- |
| | | | | Add 10% sundries Rs:- | 05/- |
| | | | | Total | 55/- |
| | | | | Add 10% contractor Profit Rs:- | 05/50 |
| | | | | Total B. | 60/50 |
| | | | | G. Total (A+B) 93/50 + 60/50 = Rs. | 154/- |
| | | | | Say | 150/- Each |



ASSISTANT ENGINEER.
CENTRAL POLICE OFFICE
KARACHI.

RATE ANALYSIS.

P/F UPVC water supply pipe of AGM or Pak Arab or equivalent with all necessary fittings like elbow, bend, tee etc. This includes fixing on walls with clamps or Jubilee clips upto height of 50'-0" in vertical or horizontal position using Jhoola or long ladder or scaffolding and jointing pipe & fittings with approved solvent / JTG solution. The rate includes all cost of labour, material, and cartage, as directed by Engineer Incharge
1/2" dia

UNIT PER / RFT.

Calculation for 20- Rft.

(B) MATERIAL

| | | | | | |
|---------------------------------|---|---------------|-------|----------|--------|
| 01 | 1/2" dia UPVC pipe (AGM) in/c 10% wastage. | 22.00 Rft. | 18/- | P/Rft | 396/- |
| 02. | UPVC solvent 59-ml Bottle | 1/4 No | 250/- | P/Bottle | 62/50 |
| 03 | Cleaner 59-ml Bottle | 1/4 No | 250/- | P/Bottle | 62/50 |
| 04 | UPVC fittings Elbow/Bend/Socket/Tee | 04- Nos | 15/- | Each | 60/- |
| 05 | Cement for filling. | 01.50-Kg. | 10/- | P/Kg | 15/- |
| 06 | Sand | 01.50 Cft | 20/- | P/Cft | 30/- |
| Total Rs. | | | | | 626/- |
| Add: 10% Contractor Profit .Rs. | | | | | 62/60 |
| (A) Total Rs:- | | | | | 688/60 |

(C) LABOUR.

| | | | | | |
|---|-----------------|-----------|-------|--------|----------|
| 1 | Plumber skilled | 3/4 -Nos | 800/- | P/Day. | 600/- |
| 2 | Helper | 3/4 - Nos | 500/- | P/Day | 375/- |
| Total Rs. | | | | | 975/- |
| Add 10% Sundries Rs. | | | | | 97/50- |
| Total Rs. | | | | | 1072/50- |
| Add: 10% Contractor Profit .Rs | | | | | 107/25- |
| (B) Total Rs:- | | | | | 1179/75 |
| G. Total (A+B) 688/60 (+) 1179/75 = Rs. | | | | | 1868/35 |
| 1868/35 (-) 20 = Rs. | | | | | 93/41 |
| Say Rs. | | | | | 93/50- |
| P.Rft | | | | | |


ASSISTANT ENGINEER
CENTRAL POLICE OFFICE.
KARACHI.

RATE ANALYSIS.

P/F UPVC water supply pipe of AGM or Pak Arab or equivalent with all necessary fittings like elbow, bend, tee etc. This includes fixing on walls with clamps or Jubilee clips upto height of 50'-0 in vertical or horizontal position using Jhoola or long ladder or scaffolding and jointing pipe & fittings with approved solvent / JTG solution. The rate includes all cost of labour, material, and cartage, as directed by Engineer Incharge
3/4" dia.

UNIT PER / RFT.

Calculation for 20- Rft.

(A) MATERIAL.

| | | | | | |
|---------------------------------|---|---------------|-------|----------|--------|
| 01 | 3/4" dia UPVC pipe (AGM) in/c 10% wastage. | 22.00 Rft. | 38/- | P/Rft | 616/- |
| 02. | UPVC solvent 59-ml Bottle | 1/4 No | 250/- | P/Bottle | 62/50 |
| 03 | Cleaner 59-ml Bottle | 1/4 No | 250/- | P/Bottle | 62/50 |
| 04 | UPVC fittings Elbow/Bend/Socket/Tee | 04- Nos | 20/- | Each | 80/- |
| 05 | Cement for filling. | 02-Kg. | 10/- | P/Kg | 20/- |
| 06 | Sand | 02.00 Cft | 20/- | P/Cft | 40/- |
| Total Rs. | | | | | 881/- |
| Add: 10% Contractor Profit .Rs. | | | | | 88/10 |
| (A) Total Rs:- | | | | | 969/10 |

(A) LABOUR.

| | | | | | |
|---|-----------------|-----------|-------|--------|----------|
| 1 | Plumber skilled | 3/4 -Nos | 800/- | P/Day. | 600/- |
| 2 | Helper | 3/4 - Nos | 500/- | P/Day | 375/- |
| Total Rs. | | | | | 975/- |
| Add 10% Sundries Rs. | | | | | 97/50- |
| Total Rs. | | | | | 1072/50- |
| Add: 10% Contractor Profit .Rs | | | | | 107/25 |
| (B) Total Rs:- | | | | | 1179/75 |
| G. Total (A+B) 969/10 (+) 1754/50 = Rs. | | | | | 2148/85 |
| 2723/60 (+) 20 = Rs. | | | | | 107/44 |
| Say Rs. | | | | | 107/- |
| P.Rft | | | | | |


ASSISTANT ENGINEER
CENTRAL POLICE OFFICE
KARACHI

RATE ANALYSIS.

P/F UPVC water supply pipe of AGM or Pak Arab or equivalent without fittings which will be paid separately. This includes fixing on walls with clamps or Jubilee clips upto height of in vertical or horizontal position using Jhoola or long ladder or scaffolding and jointing pipe & fittings with approved solvent / JTG solution. The rate includes all cost of labour, material, and cartage, as directed by Engineer Incharge

2" dia.

(A) MATERIAL.

UNIT PER / RFT.

Calculation for 20- Rft.

| | | | | | |
|-----|--|------------|-------|---------------------------------|---------|
| 01 | 2" dia UPVC pipe (AGM) in/c 10% wastage. | 22.00 Rft. | 65/- | P/Rft | 1430/- |
| 02. | UPVC solvent 59 ml Bottle | 1/4 No | 250/- | P/Bottle | 62/50 |
| 03 | Cleaner 59 ml Bottle | 1/4 No | 250/- | P/Bottle | 62/50 |
| 04 | Cement for filling. | 03-Kg. | 10/- | P/Kg | 30/- |
| 05 | Sand | 02.00 Cft | 20/- | L. Sum | 40/- |
| | | | | Total Rs. | 1625/- |
| | | | | Add: 10% Contractor Profit .Rs. | 162/50 |
| | | | | (A) Total Rs:- | 1787/50 |

(B) LABOUR.

| | | | | | |
|---|-----------------------------------|----------|-------|--|-------------|
| 1 | Plumber skilled | 3/4 -Nos | 800/- | P/Day. | 600/- |
| 2 | Helper | 3/4 -Nos | 500/- | P/Day | 375/- |
| 3 | Jhoola man 0/4 x 02 Nos | 150 No | 500/- | P/Day | 750/- |
| 4 | T & P ladder or Jhoola, carriage. | L. Sum | 100/- | L. Sum | 100/- |
| | | | | Total Rs. | 1825/- |
| | | | | Add 10% Sundries Rs. | 182/50 |
| | | | | Total Rs. | 2007/50 |
| | | | | Add: 10% Contractor Profit .Rs | 200/75 |
| | | | | (B) Total Rs:- | 2208/25 |
| | | | | G. Total (A+B) 1787/50 (+) 2208/25 = Rs. | 3995/75 |
| | | | | 3995/75 (+) 20 = | 199/78 |
| | | | | Say Rs. | 200/- P/Rft |


ASSISTANT ENGINEER
CENTRAL POLICE OFFICE,
KARACHI.

RATE ANALYSIS.

P/F UPVC water supply pipe of AGM or Pak Arab or equivalent with all necessary fittings. This includes fixing on walls with clamps or Jubilee clips upto height of in vertical or horizontal position using Jhoola or long ladder or scaffolding and jointing pipe & fittings with approved cement solvent / JTG solution. The rate includes all cost of labour, material, and cartage, as directed by Engineer Incharge

1" dia

(A) MATERIAL.

UNIT PER / RFT.

Calculation for 20- Rft.

| | | | | | |
|---------------------------------|--|------------|-------|----------|---------|
| 01 | 1" dia UPVC pipe (AGM) in/c 10% wastage. | 22.00 Rft. | 50/- | P/Rft | 1100/- |
| 02. | UPVC solvent cement. 59 ml Bottle | 1/3 No | 250/- | P/Bottle | 83/33 |
| 03 | Cleaner 59 ml Bottle | 1/3 No | 300/- | P/Bottle | 83/33 |
| 04 | UPVC fittings. | 04-Nos | 30/- | P/Each | 120/- |
| 05 | Cement for filling. | 02-Kg. | 10/- | P/Kg | 20/- |
| 06 | Sand | 02.00 Cft | 20/- | L. Sum | 40/- |
| Total Rs. | | | | | 1446/66 |
| Add: 10% Contractor Profit .Rs. | | | | | 144/66 |
| (A) Total Rs:- | | | | | 1591/32 |

(B) LABOUR.

| | | | | | |
|--|-----------------------------------|----------|-------|--------|--------------|
| 1 | Plumber skilled | 3/4 -Nos | 800/- | P/Day. | 600/- |
| 2 | Helper | 3/4 Nos | 500/- | P/Day | 375/- |
| 3 | Jhoola man | 3/4 Nos | 500/- | P/Day | 375/- |
| 4 | T & P ladder or Jhoola, carriage. | L. Sum | 100/- | L. Sum | 100/- |
| Total Rs. | | | | | 1450/- |
| Add 10% Sundries Rs. | | | | | 145/- |
| Total Rs. | | | | | 1595/- |
| Add: 10% Contractor Profit .Rs | | | | | 159/50 |
| (B) Total Rs:- | | | | | 1754/50 |
| G. Total (A+B) 1591/32 (+) 1754/50 = Rs. | | | | | 3345/82 |
| 3345/82 (+) 20 = | | | | | 167/29 |
| Say Rs. | | | | | 167/25 P/Rft |


 ASSISTANT ENGINEER
 CENTRAL POLICE OFFICE
 KARACHI.

RATE ANALYSIS.

P/F RCC pipe 12" dia with collar of class *B* for sewerage line in/c excavating the trench of required dia and depth and then laying pipe in trench jointing and refilling excavated stuff as directed by the Engineer Incharge.

(A) MATERIAL.

UNIT PER / RFT.

Calculation for 24.00-Rft.

| | | | | | |
|---------------------------------|---|-----------|-------|--------|---------|
| 1 | RCC pipe 12" dia with collar in/c 10% wastage | 26.40 Rft | 350/- | P/Rft. | 9240/- |
| 2 | Hill sand for jointing in collars | L. sum | 250/- | L. sum | 250/- |
| 3 | Cement for jointing in collars | L. sum | 250/- | L. sum | 250/- |
| Total Rs. | | | | | 9740/- |
| Add: 10% Contractor Profit .Rs. | | | | | 974/- |
| (A) Total Rs. | | | | | 10714/- |

(B) LABOUR.

| | | | | | |
|---|-------------------------------------|---------|--------|---------|-------------|
| i | Coolie for excavating trench | 04 -Nos | 500/- | P/Day. | 2000/- |
| ii | Plumber skilled | 02 -Nos | 500/- | P/Day | 1600/- |
| iii. | Coolie for plumber | 01 No | 500/- | P/Day | 500/- |
| Iv | Coolie for filling excavated trench | 02 -Nos | 500/- | P/Day | 1000/- |
| v | Carriage. | Lum sum | 1000/- | Lum sum | 1000/- |
| Total Rs. | | | | | 6100/- |
| Add 10% Sundries Rs. | | | | | 610/- |
| Total Rs. | | | | | 6710/- |
| Add: 10% Contractor Profit .Rs | | | | | 671/- |
| (B) Total Rs:- | | | | | 7381/- |
| G. Total (A+B) 10714/- (+) 7381/- - Rs. | | | | | 18095/- |
| Rate per Rft. 18095/- (+) 24 | | | | | 753/95 |
| Say Rs. | | | | | 750/- P/Rft |


ASSISTANT ENGINEER,
CENTRAL POLICE OFFICE,
KARACHI.

RATE ANALYSIS.

Construction of manhole or inspection chamber 2'-0x2'-0 & upto 3'-0" inside dimension for required dia of circular sewer with walls of solid block masonry 1:3:6 set in 1:6 cement sand mortar 6" thick with 6" thick C.C. 1:4:8 in foundation, ½" thick plaster in 1:4 ratio to all inside wall surface & to top 1" thick C.C. flooring etc including curing, excavation, back filling & disposal of surplus earth as directed by the Engineer Incharge.
(a) size 2'-0x2'-0x2'-0 to 3'-0

UNIT PER / EACH.
Calculation for Material

| S: # | Items. | Qty: | Cement | H /sand | Crush | Stone |
|------|--|--------------|------------------|--------------|--------------|-------------|
| 1 | Block Masonry 1x(2.50+2.50+2.0+2.0)x0.50x3.0 = 13.50 Cft. | 13.50 Cft | 1.67 | 6.21 | 12.42 | --- |
| 2. | C.C. 1:4:8 1x3.50x3.50x0.33 = 04.04 Cft | 04.04 Cft | 00.38 | 1.93 | ---- | 3.87 |
| 3. | Cement plaster 1:4 ¾" thick i/s 1x2(2.0+2.0)x3.0 = 24.00 Sft o/s 1x2(2.50+2.50)3.0 = 30.00 " Total = 54.00 Sft. | 54.00 Sft. | 00.61 | 2.97 | ---- | ---- |
| 4. | C.C. topping 2" thick 1x2.0x2.0 = 04.00 Sft. | 04.00 Sft | 0.12 | 0.29 | 0.58 | ---- |
| | | Total | 2.78 bags | 11.40 | 13.00 | 3.87 |

(A) MATERIAL.

| | | | | | |
|---|-----------|-----------|-------|-------------------------------|----------------|
| 1 | Cement | 2.78-Bags | 500/- | PBag | 1390/- |
| 2 | Hill sand | 11.40-Cft | 20/- | PCft | 228/- |
| 3 | Crush | 13.00-Cft | 30/- | PCft | 390/- |
| 4 | Stone | 3.87-Cft | 25/- | PCft | 96/75 |
| | | | | Total Rs. | 2104/75 |
| | | | | Add 10% Contractor Profit Rs. | 210/47 |
| | | | | A) Total Rs. | 2315/22 |

(B) LABOUR.

| | | | | | |
|-----|--|----------|-------|---|-----------------------|
| i | Mazdoor for excavation | 0.50-Nos | 500/- | P/Day | 250/- |
| ii | Mason for block masonry, plaster, topping. | 01-No | 800/- | P/Day | 800/- |
| iii | Helper for mason. | 01-No | 500/- | P/Day | 500/- |
| iv | Coolie for curing for 7-days (1/7x7). | 01-No | 400/- | P/Day | 400/- |
| v | Carriage of above material | L. sum | 800/- | L. sum | 800/- |
| | | | | Total Rs. | 2750/- |
| | | | | Add 10% Sundries | 275/- |
| | | | | Total Rs. | 3025/- |
| | | | | Add 10% Contractor Profit | 302/50 |
| | | | | B) Total Rs | 3327/50 |
| | | | | G. Total (A+B) 2315/22 (+) 3327/50 = | 5642/72 |
| | | | | Say Rs. | 5650/- P/Each. |


 ASSISTANT ENGINEER,
 CENTRAL POLICE OFFICE, KARACHI.

RATE ANALYSIS.

P/F RCC main hole cover of 3" thickness embedded with angle iron frame 1-1/2"x1-1/2"x1-1/4" and bars of 3/8" dia mild steel placed at 6" i/c both way i/c handle in centre for lifting poured with C.C. 1:2:4 in/c curing, finishing etc complete.

(A) MATERIAL.

UNIT PER / SFT.

Cover of 2.0x2.0 = 04.00-Sft.

| | | | | | |
|---------------------------------|--|------------|--------|--------|----------------|
| 01 | Angle 1-1/2"x1-1/2"x1-1/4" 4x2.0x2.34 = | 18.72 Lbs | 3575/- | P/Cwt. | 597/53 |
| 02. | Steel 3/8" dia 2x5x2.0x0.376= | 07.52 Lbs | 3550/- | P/Cwt. | 238/35 |
| 03 | Cement. | 0.176 bag | 500/- | P/Bag | 88/- |
| 04 | Hill sand | 0.44 Cft | 20/- | P/Cft | 08/80 |
| 05 | Crush Bajri | 0.88- Cft | 25/- | P/Cft | 22/- |
| 06 | Shuttering. 1x2.0x2.0x0.08x1.10 = 0.352 4x2.0x0.25x0.08x1.10= 0.176 = 0.528 For 8 times.= 0.066 | 0.066- Cft | 1250/- | P/Cft | 82/50 |
| 07 | Welding rod. | 01- No | 40/- | Each. | 40/- |
| 08 | Nails / oiling / Greasing | L. Sum | 25/- | L. Sum | 25/- |
| Total Rs. | | | | | 1102/18 |
| Add: 10% Contractor Profit .Rs. | | | | | 110/21 |
| (A) Total Rs:- | | | | | 1212/39 |

(B) LABOUR.

| | | | | | |
|--|--|------------|-------|--------|---------------------|
| 1 | Mason Grade-1 | 0.15 - No | 800/- | P/Day. | 120/- |
| 2 | Carpenter | 1.10 No | 800/- | P/ Day | 80/- |
| 3 | Black smith | 0.10 - No | 800/- | P/Day. | 80/- |
| 4 | Welder | 0.10 - No | 800/- | P/Day. | 80/- |
| 5 | Coolies | 0.20 - No | 500/- | P/Day. | 100/- |
| 6 | Bhishti for curing upto 7-days.(7x1/7) | 01.00 - No | 400/- | P/Day. | 400/- |
| 7 | Carriage of material | L. sum | 100/- | L. sum | 100/- |
| Total Rs. | | | | | 960/- |
| Add 10% Sundries Rs. | | | | | 96/- |
| Total Rs. | | | | | 1056/- |
| Add: 10% Contractor Profit Rs | | | | | 105/60 |
| (B) Total Rs:- | | | | | 1161/60 |
| G. Total (A+B) 1212/39 (+) 1161/60 = Rs. | | | | | 2373/99 |
| Rate P/Sft Rs.2373/99 ÷ 4.00 = | | | | | 593/49 |
| Say Rs. | | | | | 590/- P/Sft. |



ASSISTANT ENGINEER
CENTRAL POLICE OFFICE,
KARACHI.

RATE ANALYSIS.

Removing debries from Building in/c collecting from different floors, throwing to stair to ground floor at proper place and then loading on truck and throwing out of city government premises, fuel & hire charges of truck, loading & unloading etc complete.

UNIT PER TRUCK

LABOUR.

| | | | | | |
|--------------------------------|--|-------------------|--------|---------|----------------|
| 1 | Coolie for collecting & stacking at one side | 01-No | 500/- | P/Day. | 500/- |
| 2 | collie for loading & un loading on truck | 02 Nos 1/2 Day | 500/- | P/Day | 500/- |
| 3 | Cartage charges | Lum sum | 2000/- | Lum sum | 2000/- |
| Total Rs. | | | | | 3000/- |
| Add 10% Sundries Rs. | | | | | 300/- |
| Total Rs. | | | | | 3300/- |
| Add: 10% Contractor Profit .Rs | | | | | 330/10 |
| Total Rs:- | | | | | 3630/- |
| Say Rs. | | | | | 3500/- P/Truck |


ASSISTANT ENGINEER
CENTRAL POLICE OFFICE,
KARACHI.