



BIDS AND AWARDS COMMITTEE II
University of the Philippines Manila
Padre Faura St., cor. Ma. Orosa St.
Ermita, Manila

Invitation to Bid

(RE-BID)

Project Title: RE-WATERPROOFING OF ROOFDECK AND REPAIR OF STORM DRAINAGE, ORSA, West Wing Building, PGH

1. The University of the Philippines Manila, through the **FUND 164-1310TH BOR** intends to apply the sum of **Nine Hundred Eighty Seven Thousand Eight Hundred Forty Two Pesos and Eighty Six Centavos (Php987,842.86)** being the **Approved Budget for the Contract (ABC)** to payments under the contract for Re-Waterproofing of Roofdeck and Repair Storm Drainage, ORSA, West Wing Building, PGH. Bids received in excess of the ABC shall be automatically rejected at bid opening.
2. The University of the Philippines Manila now invites bids for provision of all materials, equipment, tools, apparatus, appliances, accessories, transportation, labor and supervision for the complete construction of the subject project, as shown on the drawings, and called for in these specifications, ready for use. Completion of the Works is required within **Forty Five (45) Calendar Days**. Bidders should have completed, at least one (1) contract that is similar to the contract to be bid, and whose value adjusted to current price using the NSO consumer price indexes must be at least fifty percent (50%) of the ABC to be bid. The description of an eligible bidder is contained in the Bidding Documents, particularly, in Section II, Instructions to Bidders.
3. Bidding will be conducted through open competitive bidding procedures using non-discretionary pass/fail criterion as specified in the Implementing Rules and Regulations (IRR) of Republic Act 9184 (RA 9184), otherwise known as the "Government Procurement Reform Act".

Bidding is restricted to Filipino citizens/sole proprietorships, partnerships, or organizations with at least seventy five percent (75%) interest or outstanding capital stock belonging to citizens of the Philippines.
4. Interested bidders may obtain further information from University of the Philippines Manila and inspect the Bidding Documents at the address given below during office hours from 8:00 AM to 5:00 PM.
5. A complete set of Bidding Documents may be purchased by interested Bidders starting **07 July 2017** from the **BAC II Secretariat Office at 8/F, PGH Compound, Taft Avenue, Manila** and upon payment of a non-refundable fee for the Bidding Documents in the amount of **One Thousand Pesos only (P1,000.00)**
6. The University of the Philippines Manila - Bids and Awards Committee II through the Office of the Engineering and Technical Services (OETS) shall conduct a site inspection on **18 July 2017, 10:00 AM**. Meeting place at the Office of the Engineering and Technical Services (OETS). The University of the Philippines Manila - Bids and Awards Committee II will hold a Pre-Bid Conference on **18 July 2017, 1:30 PM**, at the **UP Manila Social Hall, 8/F, PGH Compound, Taft Avenue, Manila**, which shall be open only to all interested parties who have purchased the Bidding Documents.

7. Bids must be delivered to the address below on or before **1:00 PM, 01 August 2017**. All bids must be accompanied by a bid security in any of the acceptable forms and in the amount stated in ITB Clause 18.

**Internal Audit Office, UP Manila
8/F, Philippine General Hospital
Taft Avenue, Manila**

Bid opening shall be on **01 August 2017, 1:30 PM at the address below**. Bids will be opened in the presence of the bidders' representatives who choose to attend at the address below. Late bids shall not be accepted.

**UP Manila Social Hall
8/F, Philippine General Hospital
Taft Avenue, Manila**

8. The University of the Philippines Manila assumes no responsibility whatsoever to compensate or indemnify bidders for any expenses incurred in the preparation of their bids.
9. The University of the Philippines Manila reserves the right to accept or reject any bid, to annul the bidding process, and to reject all bids at any time prior to contract award, without thereby incurring any liability to the affected bidder or bidders.
10. For further information, please refer to:

ELENA M. VENTURINA
BAC II Secretary
UP Manila Bids and Awards Committee Office
8/F, Philippine General Hospital
Taft Avenue, Manila
Tel. No: 567-2362

Approved:

**(SGD.)ROMEO R. QUIZON, MSc Eng'g
BAC 2, Chair**

NOTED:

**(SGD.)ARLENE A. SAMANIEGO, MD
Vice Chancellor for Administration**

**Posting Date: PhilGEPS, UPM Website, BAC 2 Bulletin Board
on 07 July 2017**



PHILIPPINE GENERAL HOSPITAL
The National University Hospital
University of the Philippines Manila
OFFICE OF ENGINEERING AND TECHNICAL SERVICES
Taft Avenue, Manila

*PHIC-Accredited Health Care Provider
ISO 9001:2008 Certified*

Project Title : RE-WATERPROOFING OF ROOFDECK AND REPAIR OF STORM DRAINAGE
Location : ORSA, West Wing Building, PGH

SCOPE OF WORKS & SPECIFICATIONS

GENERAL REQUIREMENTS

1. GENERAL CONDITIONS

- 1.1 The Contractor shall furnish all the materials, labor, tools, equipment, and supervision for the completion of all the works of the Project as indicated on the plans, specifications and contract documents.
- 1.2 The Contractor shall visit and carefully examine the site and check all the possible interference and conditions affecting the works.
- 1.3 Extra care must be observed during dismantling works to avoid damage on the existing facilities such as Telephone and Internet Lines, Paging System Accessories, Medical Gas Lines, Sewer and Water Lines, etc. Any damaged thereof should be restored to its original status at the expense of the Contractor within two (2) weeks. Otherwise, construction activity will be stopped.
- 1.4 The Contractor shall engage under him, a registered Civil Engineer or Architect to supervise his work. The Project Engineer or Architect shall remain at all times in the construction sites.
- 1.5 The Plans and Specifications shall be interpreted only by a competent registered Engineer/Architect. The Contractor is enjoined to confer with the Project Engineer of OETS on drawing/items he failed to understand before submitting his bid. No excuses shall be entertained for misinterpretation on the Plans and Specifications after the award of the Contract. All work as deemed provided by the OETS shall be carried out properly by the Contractor.
- 1.6 The Plans and Specifications are complimentary to each other, whatever is not mentioned in one but mentioned on the other shall be considered as if mentioned on both and shall

be carried out properly by the Contractor.

- 1.7 Any inconsistency or discrepancy between the Plans and Specifications shall be brought immediately to the attention of the OETS Project Engineer/s who shall decide the correct version of the two.
- 1.8 No addition or alteration that will result in a change order from the contract shall be allowed without the approval of the PGH Administration. The Contractor shall bring the case to the OETS Project Engineer/s.
- 1.9 One set of the Plans, Specifications and Log Book shall always be kept at the jobsite to be available to the Project Inspector or his representative upon his request during the construction period.
- 1.10 Prior to the installation of any item or material the Contractor shall submit sample with complete specifications to OETS for evaluation. In case of testing, the Contractor shall notify the OETS and End-user at least one week in advance of making the required tests so that the arrangements can be made for their presence to witness the tests. The necessary materials, labor, devices and all others required to conduct such tests at no additional cost the Owner.
- 1.11 The Contractor is solely responsible for the safety, protection, and security of his personnel, the works, equipment, installations and the like. The Contractor shall adopt or apply the protective measures in accordance with the standards set by the Safety Organizations and the Department of Labor Standards.
- 1.12 The Contract Period of this project is **FORTY FIVE (45) CALENDAR DAYS**.

2. SITE WORKS

2.1 Demolition/Dismantling

The procedures proposed for the accomplishment of salvage and demolition or removal works shall be submitted for approval. The procedures shall provide for safe conduct of the work, removal and disposition of materials specified to be salvaged, protection of property which is to remain undisturbed, coordination with other work in progress and timely disconnection of utility services.

2.2 Extent of demolition/dismantling and chipping works

- a. Demolition of concrete pad.
- b. Chipping of concrete topping and scrapping of existing waterproofing.
- c. Dismantling of steel casement window and demolition of masonry wall for the proposed door.

2.3 Disposition of dismantled materials

- a. Regular disposal of debris must be done to avoid accumulation. Cleanliness must be observed and maintained always. Dismantled materials that could still be recycled will be turn-over to OETS while the others will be for the disposal of the Contractor with the proper clearance of all concerned.

3. CONCRETING AND MASONRY WORKS

3.1. Scope of Works

- a. Concreting of an open slab (former exhaust duct)
- b. Concrete topping.
- c. Sealing/closure of Architectural panels opening of the adjacent building and building joint.
- d. Expansion of collar (if necessary, see drawing).
- e. Repair/re-plastering of cracks/loosened masonry plaster.

3.2 Materials

- a. Use Portland Cement, Type I, C-150, all throughout.
- b. Fine aggregate shall be washed sand.
- c. Coarse aggregate shall be gravel or crushed stone.
- d. Reinforcement shall be structural grade bars conforming to ASTM specifications
- e. Concrete mixture shall be Class "A".
- f. Concrete topping shall be 2" thick.
- g. 4" CHB, class "A".

4. WATERPROOFING AND FINISHING WORKS

4.1 Scope of works

- a. Application of Waterproofing
- b. Painting works

4.2 Materials

- a. Use Bituminous Torch-Membrane Applied Waterproofing, 3mm thick. Apply membrane waterproofing system as per recommendation by the manufacturer.
- b. Use Elastomeric paint in painting of parapet and building wall @ 0.90m height.

4.3 Preparation of surface prior to application of waterproofing

All surfaces to be waterproof must be thoroughly cleaned of dirt, dust and all loose materials. Laitance should be removed by wire brushing and any unsound materials should be cut out and the surface made good.

5. PLUMBING WORKS

5.1 Scope of works

- a. De-clog storm drain line.
- b. Diversion of storm drain lines
- b. Provision/installation of floor drain

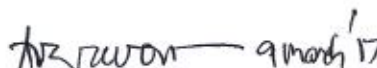
5.2 Materials

- a. Use PVC pipe and fittings, S-1000.
- b. Use Dome type floor drain, made of Cast Iron.

6. MISCELLANEOUS WORKS

- 6.1 Provision of door going to the roofdeck. Door shall be metal with metal jamb complete of door hardware and padlock.
- 6.2 Restoration of the affected areas.

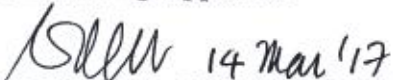
Prepared by:


ENGR. LORNA V. GRAVOSO
Head, Project Mgt. Unit, OETS

Favorably Endorsed:


ENGR. GENESIS H. JIMENEZ
Chief, OETS

Recommending Approval:

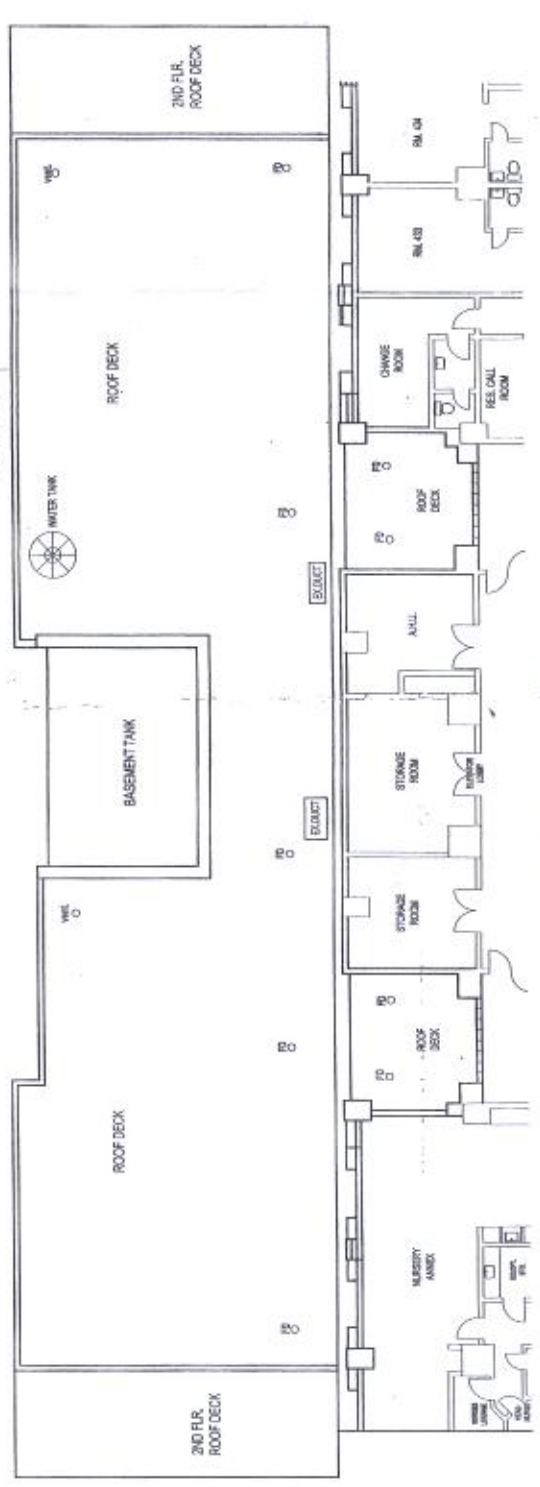

A'ERICSON B. BERBERABE, MD
Deputy Director for Administration


MA. TERESA JULIETA U. BENEDICTO, MD
Deputy Director for Administration

Approved:


GERARDO D. LEGASPI, MD
Director, PGH

MAR 24 2017



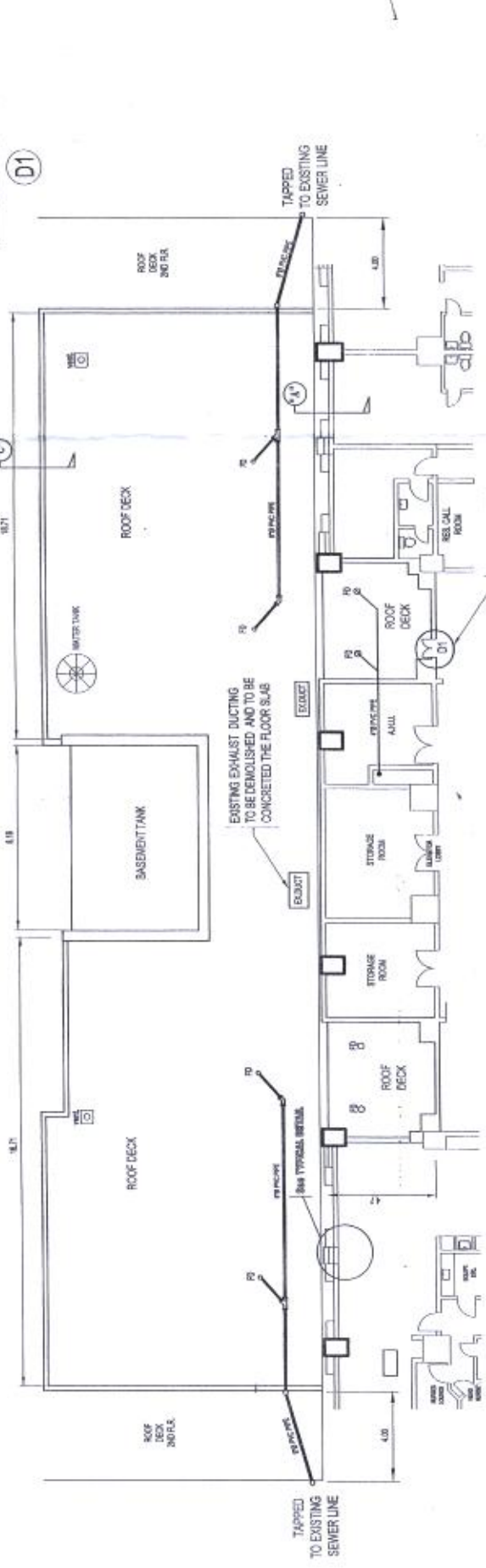
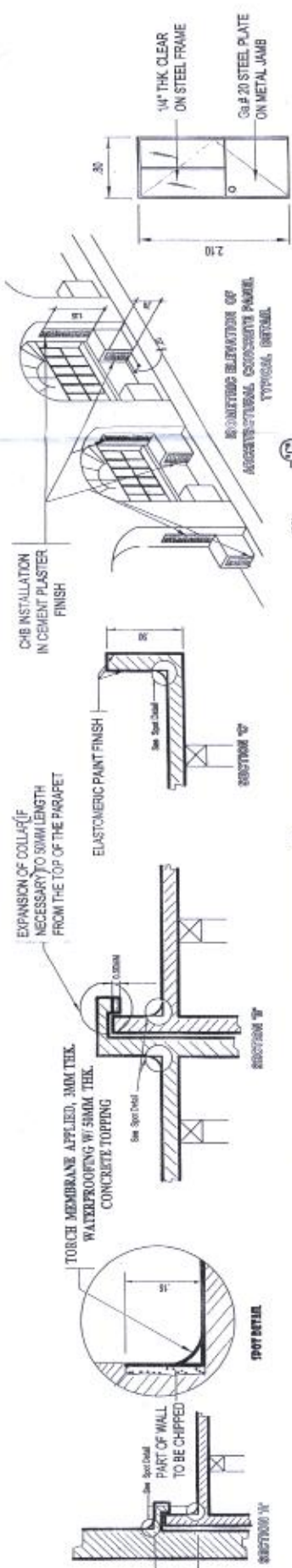
EXISTING FOOTDECK PLAN

SEC. NO.	1	2
PROJECT TITLE	REWATER PROOFING OF ROOFDECK AND REPAIR OF STORM DRAINAGE	
LOCATION	ORSA, WEST WING BLDG. PCB COMPOUND	
PROJECT NO.	[Signature]	[Signature]
DESIGNED BY	[Signature]	[Signature]
CHECKED BY	[Signature]	[Signature]
RECOMMENDING APPROVAL	[Signature]	[Signature]
APPROVED BY	[Signature]	[Signature]
DATE	MAR 24 2017	MAR 24 2017



Office of the Engineering & Technical Services
 Philippine General Hospital
 University of the Philippines
 1st Avenue, Ermita, Manila





ROOF DECK PLAN & STORM DRAINAGE LAYOUT PLAN

PROJECT TITLE REWATER PROOFING OF ROOFDECK AND REPAIR OF STORM DRAINAGE LOCATION: OBSA, WEST WING BLDG. PUE COMPOUND	DRAWN BY: ALD. ALIBAYONE	PROJECT NO. 2	SHEET NO. 2
	PROJECT TITLE REWATER PROOFING OF ROOFDECK AND REPAIR OF STORM DRAINAGE LOCATION: OBSA, WEST WING BLDG. PUE COMPOUND	DRAWN BY: ENR. LORNA GRAYOSO Head-PWU	SHEET NO. 2
PROJECT TITLE REWATER PROOFING OF ROOFDECK AND REPAIR OF STORM DRAINAGE LOCATION: OBSA, WEST WING BLDG. PUE COMPOUND	PROJECT NO. 2	DRAWN BY: ENR. GENESIS H. JINEZ CHIEF, OETS	SHEET NO. 2
PROJECT TITLE REWATER PROOFING OF ROOFDECK AND REPAIR OF STORM DRAINAGE LOCATION: OBSA, WEST WING BLDG. PUE COMPOUND	PROJECT NO. 2	DRAWN BY: ENR. GENESIS H. JINEZ CHIEF, OETS	SHEET NO. 2
PROJECT TITLE REWATER PROOFING OF ROOFDECK AND REPAIR OF STORM DRAINAGE LOCATION: OBSA, WEST WING BLDG. PUE COMPOUND	PROJECT NO. 2	DRAWN BY: ENR. GENESIS H. JINEZ CHIEF, OETS	SHEET NO. 2
PROJECT TITLE REWATER PROOFING OF ROOFDECK AND REPAIR OF STORM DRAINAGE LOCATION: OBSA, WEST WING BLDG. PUE COMPOUND	PROJECT NO. 2	DRAWN BY: ENR. GENESIS H. JINEZ CHIEF, OETS	SHEET NO. 2

APPROVED BY: **ENR. GENESIS H. JINEZ**
 CHIEF, OETS
 DATE: **MAR 24 2017**

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 CHIEF, OETS
 DATE: **MAR 24 2017**



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CPC10005292

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PROJECT TITLE : RE-WATERPROOFING OF ROOFDECK AND REPAIR OF STORM DRAINAGE
LOCATION : ORSA, West Wing Building, PGH
SUBJECT : BILL OF MATERIALS AND COST ESTIMATE

ITEM	WORK DESCRIPTION	AMOUNT
A.	GENERAL REQUIREMENTS	_____
B.	SITE WORKS	_____
C.	CONCRETING, MASONRY, WATERPROOFING, AND FINISHING WORKS	_____
D.	PLUMBING WORKS	_____
E.	MISCELLANEOUS	_____
	TOTAL DIRECT COST	P _____
	ADD: INDIRECT COST	_____
	Contractor's OCM & Profit (____%)	_____
	Contractor's Tax (____%)	_____
	TOTAL INDIRECT COST	P _____
	TOTAL PROJECT COST	P _____

Prepared by:

Name and Signature of Authorized Representative

Name of Company

Address



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LOCATION : ORSA, West Wing Building, PGH
SUBJECT : BILL OF MATERIALS AND COST ESTIMATE

ITEM NO.	WORK DESCRIPTIONS	QTY.	UNIT	UNIT COST	AMOUNT
A.	GENERAL REQUIREMENTS				
	Mobilization/Demobilization	1	lot		
	Sub-total			P	
B.	SITE WORKS				
	Demolition of concrete pad and CHB wall for the proposed door	1	lot		
	Dismantling of steel casement window and dilapidated CI pipes	1	lot		
	Chipping of concrete topping and scrapping of existing waterproofing		sq.m.		
	Declogging of storm drainage, left side, above the hallway roofdeck	1	lot		
	Clearing, cleaning and disposal of construction debris	1	lot		
	Sub-total			P	
C.	CONCRETING, MASONRY, WATERPROOFING, AND FINISHING WORKS				
	<i>Concreting of Floor Slab, Extension of Canopy Collar, Closure of Architectural Panels Opening and Building Joints</i>				
	-Portland cement		bag		
	-Crushed gravel		bag		
	-Washed sand		cu.m.		
	-4" thick. CHB		cu.m.		
	-10mm dia. x 6m, deformed steel bar		pc.		
	-Ga.#16 tie wire		kg.		
	<i>Waterproofing, Concrete Topping, and Painting</i>				
	-3mm. thick, membrane waterproofing		sq.m.		
	-Portland cement		bag		
	-Washed sand		cu.m.		
	-Elastomeric Paint		gal.		
	-Paint brush		pc.		

- Roller brush
- Sanding paper

Material Cost
 Labor Cost
 Sub-total

_____	pc.	_____	_____
_____	pc.	_____	_____
_____		_____	_____
		P	_____

D. PLUMBING WORKS

- 6" dia. x 3m PVC pipe
- 4" dia. x 3m PVC pipe
- 6" PVC elbow
- 4" PVC elbow
- 6" dia. PVC wye
- 4" PVC wye
- 6" dia. PVC clean out with cover
- 4" dia. PVC clean out with cover
- Dome type, Floor Drain
 - 6" dia,
 - 4" dia,
- PVC solvent cement
- Hangers and anchorages

Material Cost
 Labor Cost
 Sub-total

_____	pc.	_____	_____
_____	pc.	_____	_____
_____	pc.	_____	_____
_____	pc.	_____	_____
_____	pc.	_____	_____
_____	pc.	_____	_____
_____	pc.	_____	_____
_____	pc.	_____	_____
_____	pc.	_____	_____
_____	pc.	_____	_____
_____	pc.	_____	_____
_____	pc.	_____	_____
_____	liter	_____	_____
_____	1 lot	_____	_____
		P	_____

E. MISCELLANEOUS

- Door and Door Jamb, Metal with glass
- 50mm Padlock
- Restoration

Sub-total

_____	1 set	_____	_____
_____	1 set	_____	_____
_____	1 lot	_____	_____
