

DEPARTMENT OF GOVERNMENT INFORMATION

**BID FOR REFURBISHMENT OF 'CENTRE FOR
MEDIA DEVELOPMENT' BUILDING**

WATER PROOFING, RE-TILING AND RELATED WORK FOR ROOF TERRACE
AND REPAIRING OF WATER TANK STRUCTURE
REPAIRING OF AUDITORIUM ROOF
REFURBISHMENT OF PUBLIC TOILETS ON
SECOND, THIRD AND FOURTH FLOORS

CONTRACT No.: DI/PRO/04/2021/08


INVITATION FOR BIDS (IFB)

1. The Chairman, Department Procurement Committee, Department of Government Information at No.163, Kirulapone Avenue, Colombo 05 now invites sealed bids from eligible and qualified bidders for Refurbishment of 'Centre for Media Development' Building including Water Proofing, Re-tiling and Related work for Roof terrace and Repairing of Water Tank Structure, Repairing of Auditorium roof, Refurbishment of public toilets on second, third and fourth floors.
2. Bidding will be conducted through National Competitive Bidding Procedure.
3. To be eligible for contract award, the successful bidder shall not have been blacklisted and shall possess ICTAD –Grade C5 or above in Building Construction.
4. Average of the annual volume of building construction work performed in the last three years shall be not less than Rs. 30 million.
5. The estimated cost for this Bid is Rs. 27 million without VAT and the construction period is 90 Days.
6. Interested bidders may obtain further information from Chief Accountant, Department of Government Information, no.163, Kirilapone Avenue, Colombo 05, over the telephone numbers 0718859889, 0112514759.
7. A complete set of Bidding Document in English language may be purchased by interested bidders on the submission of a written application to Chairman, Procurement Committee, Department of Government Information, no.163, Kirulapone Avenue, Colombo 05 from 06.12.2021 until 24.12.2021 from 0900 hrs. to 1500 hrs. upon payment of a non-refundable fee of Rs. 7500.00 The method of payment will be cash.
8. Bids shall be delivered to the Chairman, Procurement Committee, Department of Government Information, no.163, Kirulapone Avenue, Colombo 05 on or before 11.00 hrs on 27.12.2021. Late Bids will be rejected. Bids will be opened soon after closing in the presence of the bidders' representatives who choose to attend.
9. Bids shall be valid 90 days
10. All bids shall be accompanied by a Bid Security of Rs. 270,000.00 and be valid for 120 days after the deadline for Bid submission.

Chairman

Procurement Committee

Department of Government Information


2021/12/03

DEPARTMENT OF GOVERNMENT INFORMATION

**BID FOR REFURBISHMENT OF
'CENTRE FOR MEDIA DEVELOPMENT'
BUILDING**

**WATER PROOFING, RE-TILING AND RELATED WORK FOR ROOF TERRACE
REPAIRING OF WATER TANK STRUCTURE**

REPAIRING OF AUDITORIUM ROOF

**REFURBISHMENT OF PUBLIC TOILETS ON
SECOND,THIRD AND FOURTH FLOORS**

Based on Standard Bidding Document – Procurement of Works for
Major Contracts
(ICTAD/ SBD/ 01)

CONTRACT No.: [DI/PRO/04/2021/08](#)

DEPARTMENT OF GOVERNMENT INFORMATION,

NO.163, KIRULAPONE AVENUE

COLOMBO 05

CONTENTS

	DESCRIPTION	PAGE
	INVITATION FOR BIDS	01-02
SECTION 1	– INSTRUCTIONS TO BIDDERS	03
SECTION 2	– STANDARD FORMS (CONTRACT)	04
SECTION 3	– CONDITIONS OF CONTRACT	05
SECTION 4	– FORM OF BID AND QUALIFICATION INFORMATION	06-09
SECTION 5	– BIDDING DATA AND CONTRACT DATA	10-15
SECTION 6	– SPECIFICATIONS	16-22
SECTION 7	– BILL OF QUANTITIES	23-85
SECTION 8	– DRAWINGS	86-87
SECTION 9	– STANDARD FORMS (BID)	88-89
	DRAFT WARRANTY CERTIFICATE FOR WATER PROOFING	90
	CHECK LIST FOR BIDDERS	91

INVITATION FOR BIDS (IFB)

DEPARTMENT OF GOVERNMENT INFORMATION

**BID FOR REFURBISHMENT OF 'CENTRE FOR
MEDIA DEVELOPMENT ' BUILDING**

**WATER PROOFING, RE-TILING AND RELATED WORK FOR ROOF
TERRACE AND REPAIRING OF WATER TANK STRUCTURE
REPAIRING OF AUDITORIUM ROOF
REFURBISHMENT OF PUBLIC TOILETS ON
SECOND,THIRD AND FOURTH FLOORS**

CONTRACT No.: [D/PRO/04/2021/08](#)

INVITATION FOR BIDS (IFB)

1. The Chairman, Department Procurement Committee, Department of Government Information at No.163, Kirulapone Avenue, Colombo 05 now invites sealed bids from eligible and qualified bidders for Refurbishment of 'Centre for Media Development' Building including Water Proofing, Re-tiling and Related work for Roof terrace and Repairing of Water Tank Structure, Repairing of Auditorium roof, Refurbishment of public toilets on second, third and fourth floors.
2. Bidding will be conducted through National Competitive Bidding Procedure.
3. To be eligible for contract award, the successful bidder shall not have been blacklisted and shall possess ICTAD –Grade C5 or above in Building Construction.
4. Average of the annual volume of building construction work performed in the last three years shall be not less than Rs. 30 million.
5. The estimated cost for this Bid is Rs. 27 million without VAT and the construction period is 90 Days.
6. Interested bidders may obtain further information from Chief Accountant, Department of Government Information, no.163, Kirilapone Avenue, Colombo 05, over the telephone numbers 0718859889, 0112514759.
7. A complete set of Bidding Document in English language may be purchased by interested bidders on the submission of a written application to Chairman, Procurement Committee, Department of Government Information, no.163, Kirulapone Avenue, Colombo 05 from [06-12-2021 until 24-12-2021 from 0900 hrs. to 1500 hrs.](#) upon payment of a non-refundable fee of [Rs.7500](#) The method of payment will be cash.
8. Bids shall be delivered to the Chairman, Procurement Committee, Department of Government Information, no.163, Kirulapone Avenue, Colombo 05 on or before [1100 hrs on 27-12-2021](#) Late Bids will be rejected. Bids will be opened soon after closing in the presence of the bidders' representatives who choose to attend.
9. Bids shall be valid 90 days
10. All bids shall be accompanied by a Bid Security of Rs. 270,000.00 and be valid for [120 days after the deadline for Bid submission.](#)

Chairman

Procurement Committee
Department of Government Information

SECTION - 1

INSTRUCTION TO BIDDERS (ITB) Refer Standard Bidding Document – Procurement of Works for Major Contracts (ICTAD/ SBD/ 01)

Notes:

Bidders are instructed to purchase the Standard Bidding Document- Procurement of Works For Major Contracts, ICTAD/SDB/01 from 'Construction Industry Development Authority' (CIDA), No.123, Wijerama Mawatha, Colombo 07

Instructions to Bidders shall be read in conjunction with 'Bidding Data' under Section 5 (Volume 2)

Instructions to Bidders will not be a part of the Contract and will cease to have effect once the contract is signed.

SECTION - 2

STANDARD FORMS (CONTRACT)

- Letter of Acceptance
- Agreement
- Performance Security
- Advance Payment Security
- Retention Money Guarantee

Notes on Standard Forms:

These Forms (included in ICTAD/ SBD/01) which are to be filled by successful bidder after awarding the contract, are not provided here.

*Bidders should **not complete** the Form of Agreement at the time of preparation of bids. The successful Bidder will be required to sign the Form of Agreement, after the award of contract. Any corrections or modifications to the accepted bid resulting from arithmetic corrections, acceptable deviations, or quantity variations in accordance with the requirements of the bidding documents should be incorporated into the Agreement.*

The Form of Performance Security, Form of Advance Payment Security and Form of Retention Money Guarantee should not be completed by the bidders at the time of preparation of bids. The successful Bidder will be required to provide these securities in compliance with the requirements herein or as acceptable to the Employer.

SECTION - 3

CONDITIONS OF CONTRACT

(Refer the Standard Bidding Document – Procurement of Works for Major Contracts)

(ICTAD/ SBD/ 01), Section 3

Conditions of Contract shall be read in conjunction with Section 5 – Contract Data in Volume 2, which shall take precedence over the Conditions of Contract

SECTION - 4

**FORM OF BID AND
QUALIFICATION INFORMATION**

**DEPARTMENT OF GOVERNMENT
INFORMATION**

**BID FOR REFURBISHMENT OF
BUILDING
OF 'CENTRE FOR MEDIA
DEVELOPMENT'**

**WATER PROOFING, RE-TILING AND RELATED WORK FOR ROOF
TERRACE AND REPAIRING OF WATER TANK STRUCTURE**

REPAIRING OF AUDITORIUM ROOF

**REFURBISHMENT OF PUBLIC TOILETS ON
SECOND,THIRD AND FOURTH FLOORS**

CONTRACT NO.: DI/PRO/04/2021/08

FORM OF BID

To: The Chairman, Procurement Committee
Department of Government Information, no.163, Kirulapone
Avenue, Colombo 05

Gentleman,

1. Having examined the Standard Bidding Document – Procurement of Works – [ICTAD/SBD/01– Second Edition, January 2007], Specifications, Drawings and Bills of Quantities and Addenda for the execution of the above – named Works, we the undersigned, offer to execute and complete such Works and remedy any defects therein on conformity with the aforesaid Conditions of Contract, Specifications Drawings, Bills of Quantities and addenda for the sum of Sri Lankan Rupees (LKR.....) or such other sums as may be ascertained in accordance with the said Conditions.

2. We acknowledge that the Contract Data forms part of our Bid.
3. We undertake, if our Bid is accepted, to commence the Works as stipulated in the Contract Data, and to complete the whole of the Works compromised in the Contract within the time stated in the Contract Daata.
4. We agree to abide by this bid for the period stated in the Sub-clause 15 of instructions to Bidders or any extended period and it shall remain binding upon us and may be accepted at any time before the expiration of that period.
5. Unless and until a formal Agreement is prepared and executed this Bid, together with your written acceptance thereof, shall constitute a binding Contract between us.
6. We understand that you are not bound to accept the lowest or any bid you may receive.

Dated this..... day of.....20.....

Signature..... in the capacity of.....duly
authorized to sign bids for and on behalf of

[in block capitals or typed]

Signature :

Address :

Witness :

QUALIFICATION INFORMATION

The following information shall be provided

- ICTAD registration

Registration number

Grade

Specialty

Expiry date

(Attach copies of relevant pages from the registration book)

- VAT registration number

- Construction program (attach as annex)

- Legal status (Sole proprietor, Partnership, Company etc.)
(Attach relevant status copies)

- Total monetary value of construction work performed for each of the last three years.

Year 1 :

Year 2 :

Year 3 :

Average minimum value of construction work performed during last three years should be Rs. 30 Million

(Attach documents for proof)

- Experience in works of a similar nature and size for each of the last three years.

Year 1 :

Year 2 :

Year 3 :

(Attach documents for proof)

- Construction equipment.

- Qualification and experience of key site management and technical personnel proposed for the contract

Among other staff, a full time Site supervisor with the qualification of National Certificate of Technology (NCT) with 5 years experience in building construction work should be employed.

SECTION - 5

BIDDING DATA AND CONTRACT DATA

Note:

This section shall be read in conjunction with Section 1- Instructions to Bidders, and is intended to provide specific information in relation to corresponding clauses in Section 1. Whenever there is a discrepancy, the provisions in Section 5- Schedule shall supersede those provided in the Section 1- Instructions to Bidders.

BIDDING DATA

ITB Clause

1.1 Employer

Director General, Department of Government Information
No.163, Kirulapone Avenue, Colombo 5

1.1 Scope of Works

The works consists of water proofing, re-tiling and related work for roof terrace and repairing of water tank structure, Repairing of Auditorium roof and Refurbishment of Public toilets on second, third & fourth floors of 'Centre for the Media Development' building at the Department of Government Information located at No. 163, Kirulapone Avenue, Colombo 5

1.2 Time for Completion

The Time for Completion for the whole of works shall be 90 days

2.1 Source of funds

The source of funds is Government of Sri Lanka

4.2 ICTAD Grading

Speciality: Building construction

Grade : C5 and above

4.3 Qualification Information

Refer Section 4

9.1 Clarification of Bidding Documents

The Chairman, Procurement Committee
Department of Government Information, no.163, Kirulapone
Avenue, Colombo 05

11.1 Language of Bid

English

- 13.4 Bid Prices**
Prices **shall not be adjusted** for fluctuations in the cost of inputs
- 14.1 Currencies of Bid**
Sri Lankan Rupees
- 15.1 Period of Validity of Bids**
The bids shall remain valid for a [period of 90 days after the deadline for submission of bids.](#)
- 16.1 Bid Security**
Bid shall include a Bid security using the form included in section 9.
- 16.2 Amount of Bid Security**

shall be for an amount of Rs. Two Hundred Seventy Thousand (Rs. 270,000.00);
should be valid for 120 days after the closing date of the bid;
Issued by a commercial bank approved by the Central Bank of Sri Lanka
- 17.1 Pre-Bid meeting**

[Date: 15-12-2021 Time:1 0 . 0 0 a m Venue: Mini auditorium
Department of Government
Information](#)
- 19.2a Addrees for Submission of Bids**

Chairman, Procurement Committee, Department of Government Information, no.163, Kirulapone Avenue, Colombo 05
- 19.2b Name of Contract**

Refurbishment of 'Centre for Media Development'
Building

[Identification number of Contract : DI/PRO/04/2021/08](#)
- 20 .1 Deadline for Submission of Bids**

[Bids shall be delivered no later than 1100 hrs. on 27-12-2021](#)

23.1 Bid opening

Time: 1100 hrs.

Date : 27-12-2021

34.1 Performance Security

Amount of Performance Security is 5% of Initial Contract Price.

Amount - 5% of Initial contract sum

Issuing agency - A commercial bank approved by Central bank of Sri Lanka

CONTRACT DATA

1.1 The Employer is
Director General,
Department of Government Information, No.163, Kirulapone Avenue,
Colombo 5

Name of Authorized Representative

Chief Accountant, Department of Government Information

1.1 The Engineer is
Director, D Plus Architects (Pvt) Ltd., 52, Old Kottawa Road, Mirihana,
Nugegoda

Name of Engineer's Representative

Project Architect, D Plus Architects (Pvt) Ltd.

1.1 The work consists of
Water proofing, re-tiling and related work for roof terrace and repairing of water tank structure; Repairing of Auditorium roof and Refurbishment of Public toilets on second, third & fourth floors of 'Centre for the Media Development' building at the Department of Government Information.

1.1 The site is located at

No.163, Kirulapone Avenue, Colombo 5

1.1 The Start date shall be

14 days from the Letter of Acceptance

13.1 The minimum insurance cover shall be

13.2

- (a) The minimum cover for insurance of the works and Plant and Materials is **110% of Initial Contract Price**.

The maximum deductible for insurance of the Works and of Plant and Materials is **5% of Initial Contract Price**.

- (b) The maximum cover for loss or damage to Equipment is **To cover the replacement value of the Equipment**.

The maximum deductible for insurance of Equipment is 5% of the minimum cover for Equipment.

- (c) The minimum cover for insurance of other property (other than the Site) is Rs. 3 million.

- (d) The minimum cover for personal injury or death , for third party and employees of the Employer and other persons engaged by the Employer in the works is Rs.3 million.

- (e) The minimum cover for for personal injury or death for the contractor's workmen is as per the Workmen's Compensation Act.

Contractor's employees other than workmen is Rs. 500,000.00 per event.

17.1 Intended Completion date

The intended completion date for the works shall be 90 days from Start Date.

21. 1 The Site possession date shall be

Not more than 7 days after the Letter of Acceptance

27.1 Programme

The contractor shall submit a programme for the works within 7 days from Letter of Acceptance

27.3 Updating programme

The period between Programme update is 14 days

35.1 Defects Liability period

365 days

48.1 Retention

The retention from each payment shall be 10% of the certified works done

The limit of retention shall be 5% of the initial contract price

49.1 Liquidated Damages

The Liquidated damages for the whole work shall be 0.05% of the 'Initial Contract Price' per day.

50.1 The maximum amount of Liquidated damages

shall be 10% of Initial Contract price.

52.1 Performance Security

Performance security shall be 5% of the Initial Contract Price

SECTION - 6

SPECIFICATIONS

THE GENERAL SPECIFICATIONS APPLICABLE TO THIS CONTRACT ARE.

1. SPECIFICATIONS FOR BUILDING WORKS-SRI LANKA
(VOLUME I)
THIRD EDITION REVISED- JULY 2004
ICTAD PUBLICATION NO SCA/4/1
(INSTITUTE FOR CONSTRUCTION TRAINING & DEVELOPMENT)
CONSTRUCTION, SRI LANKA)
2. SPECIFICATION FOR BUILDING WORKS –SRI LANKA
(VOLUME II)
SECOND EDITION REVISED-OCTOBER 2001
(INSTITUTE FOR CONSTRUCTION TRAINING & DEVELOPMENT
CONSTRUCTION, SRI LANKA
3. SPECIFICATION FOR ELECTRICAL & MECHANICAL WORKS
ASSOCIATED WITH BUILDING & CIVIL ENGINEERING
SRI LANKA
SECOND EDITION (REVISED)- AUGUST 2000
ICTAD PUBLICATION NO.SCA/8
(INSTITUTE FOR CONSTRUCTION TRAINING & DEVELOPMENT)
MINISTRY OF LOCAL GOVERNMENT, HOUSING AND
CONSTRUCTION, SRI LANKA.

Following Specifications if applied shall supersede the above mentioned General specifications where they are contradictory.

In following Specifications if any material/ fitting is described by using a trade name, it is only for the purpose of indicating the minimum level of quality and standard required. The Bidder may use any other material/ fitting which is considered as equivalent or superior in quality and standard to those specified therein subject to the approval of the Architect/ Engineer.

The item numbers are not related to General Specifications.

1.0 FORMWORK

1.0.1 Formwork should be of 15mm thick plywood and should be approved by Architect.

1.0.2 Formwork should be true and no warped plywood planks should be used.

2.0 REINFORCEMENT

2.0.1 Steel for reinforcement shall be 'Sanstha', 'GTB' or equivalent

2.0.2 Steel rods should be free from rust

2.0.3 Steel for reinforcement shall be stacked on a dry surface and well covered to protect from rain.

2.0.4 Minimum yield strength of tor-steel should be 460 N/mm²

3.0 CONCRETE

3.0.1 Grade 25 concrete shall be used for structural elements.

3.0.2 For Site mixed, concrete shall be mixed by a mechanical mixer unless otherwise the Architect/officer in-charge permits for hand mixing. In-case of hand mixing, mixture shall be prepared in a surface that will not allow loss of water.

3.0.3 Slump of site mixed concrete before pouring shall be within 150mm±25mm range.

3.0.4 In order to achieve this slump for site mixed concrete without exceeding the 0.45 water: cement ratio, the use of a water reducing admixture (super plasticer) complying to BS EN 934-2 is permitted to be added to the concrete mix. Contractor shall ensure that the selected plasticer brand is compatible with the cement brand used for concreting

3.0.5 After adding water to the dry concrete, it shall be used within 60 minutes.

3.0.6 The layers of concrete shall be so placed that the bottom layer does not fully set before the top layer before the initial setting starts i.e. within 30 minutes of addition of water to the dry mixture. Re-tempering of concrete with water shall not be permitted.

3.0.7 Vibrator should be used wherever possible for the compaction of concrete and it should always be held in vertical position (should not be used at an angle)

3.0.8 Where compaction by vibrator is not possible a steel rod should be used.

4.0 CEMENT

4.0.1 Cement of strength class 42.5N and shall comply with SLS 107 (Ordinary Portland Cement), that has been stored under proper conditions and has manufactured within 90 days at the time of concreting.

4.0.2 Recommended brands are 'Sanstha', 'Tokiyo Super'

5.0 WATERPROOFING

The waterproofing material shall conform to manufacturer's specifications and the work should to be done through a specialized and reputed sub contractor. Bidders should submit with their bids, proposals for water proofing work which should include name of sub-contractor, specification of material to be used, method statement and sub-contractor's consent to involve in the work.

The contractor shall submit a written certificate stating that all material and workmanship are in conformity with the Specifications and the manufacturer's requirements.

Contractor shall be responsible for any defect in water proofing work despite the approval granted by Consultant for the material and method statement.

The contractor should jointly with the sub contracto shall furnish a warranty to the Employer valid for a period of 10 years after handing over of the work against dampness and/ or moisture penetration through treated surface due to defective material and/ or workmanship. Draft warranty certificate is attached (refer page no.90) with this Bid document to be used by contractor to submit his certificate.

5.0.1 Waterproofing of Roof terrace

Waterproofing shall be carried out on concrete roof slab up to 300 mm above the finished floor level on concrete/thinly plastered masonry walls.

Any existing floor finish should be removed from the top surface of the concrete slab which should be free of dust, oil, grease or debris and be cleaned by 'vacuum cleaning'. Approved water proofing material shall be applied in 2 coats in opposite directions as specified by manufacturer's instructions followed by 1:3 cement, sand protective screed laid to slope. At termination edges on walls 25 x 25 mm angle mortar fillets should be provided.

The work should be done in conformity with the Supplier's/ Manufacturer's printed literature and under the direction of the Supplier's/ Manufacturer's representative

After waterproofing material is sufficiently cured, the relevant area shall be ponded with water for at least 3 days to a height of 300 mm for observation of leaks. If any leaks are observed the application of the waterproofing material to those areas should be repeated. If no leak or dampness is observed in the floor slab, floor tiling or other finish should follow as soon as possible thereafter, taking care not to disturb or damage the waterproof-coating in anyway.

The covering screed shall be Grade 20 chip concrete using 10 mm metal chips 50 mm thick finished semi rough reinforced with 50 mm x 50 mm GI mesh and provided with 10mm wide movement joints at approximately 3.0 m spacing in both direction, joints formed using polystyrene strips and filled with a mastic filler. At the periphery of the Terrace shallow drain shall be provided to carry rain water to drainage out-lets.

5.0.2 Water proofing of Toilet floors and walls

Waterproofing of inner surface of toilet walls and floor slab shall consists of cleaning substrate to be free from dirt, loose mortar particles, paints, films etc. and application of **approved waterproofing material** on the floor slab and up to 1500 mm above the finished floor level on thinly plastered masonry walls in shower area and 300 mm in other areas in 2 coats applied in opposite directions. The work should be in conformity with the Supplier's/ Manufacturer's printed literature and under the direction of the Supplier's/ Manufacturer's representative.

After waterproofing material is sufficiently cured, the relevant area shall be ponded with water for at least 3 days to a height of 300 mm for observation of leaks. If any leaks are observed the application of the waterproofing material to those areas should be repeated. If no leak or dampness is observed in the floor slab, floor tiling or other finish should follow as soon as possible thereafter, taking care not to disturb or damage the waterproof-coating in anyway.

6.0 ROOF INSULATION

6.0.1 Polyurethane (PU) Sandwich panel with 0.47 mm thk. Zn/AL roofing top sheet and colourbond .35 mm bottom sheet, 50mm PU thick panel

7.0 IRON MONGORY

7.0.1 All Iron mongory that are not supplied by Client shall be of heavy duty Stainless steel and samples should be approved by the Architect prior to installation

7.0.2 'Noorbhoy' brand or approved equivalent shall be used.

8.0 PAINT

8.0.1 The brand of paint shall be CIC or approved equivalent.

8.0.2 For external walls 'Five coat Coat system' should be applied including 2 coats of 'shower- kill' water proof paint and 3 coats of weather shield paint.

8.0.3 Colour should be approved by Consultant.

9.0 FLOOR AND WALL FINISHES

9.0.1 Floor tiles shall be Homogeneous porcelain and wall tiles Glazed ceramic and of quality equivalent to 'Royal Ceramic', 'Lanka Wall Tile'.

9.0.2. The size should be as given in the drawings, BOQ and schedule of finishes and the colour as approved by Architect. Samples shall be produced for Architect's approval.

9.0.3 On comparatively larger areas exposed to weather, tile joints shall be 3 mm to allow for expansion and joints shall be filled with a water proofing grout of colour to match that of tiles.

9.0.4 Timber flooring and skirting where used shall be of 'Sanstha Teak'.

10.0 PLUMBING

10.0.1 Toilet fittings, taps and accessories shall be 'American standard' or 'Rocel'

10.0.2 For cold water piping Gauge 1000, PVC pipes shall be used.

10.0.3 CPVC or Poly Butylene pipes shall be used for hot water supply.

10.0.4 Ball valves and Foot valves shall be of 'Pegler' brand or approved equivalent.

10.0.5 Water tank shall be of 'Premium' brand or equivalent.

11.0 ELECTRICAL INSTALLATION

11.0.1 All electrical cables shall be 'Kelani' or ACL

11.0.2 All conduits shall be 'National' or approved equivalent

11.0.3 All socket outlets and light points shall be earthed with 16mm² Cu/PVC Earth cable, Earth rod, Earth pit inspection joint and all other accessories required complete to working order as per the Drawings and Technical Specifications. Earth resistance should be maintain below 10 Ohms.

11.0.4 All Distribution Boards shall be complete with powder coated steel enclosure with Lockable doors and earth connection for the doors.

11.0.5 Lightening protection shall be complete with Franklin rod type air terminals, 25mmx3mm Cu roof conductors, 25mmx3mm Cu down conductors, earth

SECTION - 7

BILL OF QUANTITIES

Note: *In preparation of the bidding document the users are advised to:*

(1) Include appropriate Preliminary Bill items as Bill No. 01 in accordance with

CIDAPublication No. ICTAD/ID/04.

(2) Bidders shall include VAT Component separately

(3) Any discount offered will not be considered for Provisional Sum Items.

SECTION - 8

DRAWINGS

LIST OF DRAWINGS

1) Water proofing, Refilling and Related work for Roof terrace and Repairing of Water tank structure

Rain water Drainage Layout – Ground Floor	DPA- 2021 / INFC/PLMB 101
Rain water Drainage Layout – First Floor	DPA- 2021 / INFC/PLMB 102
Rain water Drainage Layout – Second Floor	DPA- 2021 / INFC/PLMB 103
Rain water Drainage Layout – Roof Terrace	DPA- 2021 / INFC/PLMB 104
Floor tile Layout – Roof Terrace	DPA-2021 / INFC/ PLMB 105
Floor tile Layout Sections– Roof Terrace	DPA-2021 / INFC/ PLMB 106

2) Repairing of Auditorium Roof

Roof Plan	DPA-2021 / INFC/ AR 501
Roof Section	DPA-2021 / INFC/ AR 502

3) Refurbishment of Public Toilets on Second, Third and Fourth floors

Floor Tiling Layouts	DPA-2021 / INFC/ AR/TD 101
----------------------	----------------------------

SECTION - 9

STANDARD FORMS (BID)

Bid Security

FORM OF BID SECURITY

{this Guarantee form shall be filled in accordance with the instructions indicated in brackets}
.....*{insert issuing agency's name and address of issuing branch or office}*

Beneficiary : Department of Government Information
163, Kirilapone Avenue
Colombo 5

Date : *{insert (by issuing agency) date}*

BID GUARANTEE No. :*{insert (by issuing agency) number}*

We have been informed that *{insert (by issuing agency) name of the bidder}* (hereinafter called "the Bidder") has submitted to you its bid dated*{insert (by issuing agency) date}* (hereinafter called "the Bid") for the execution of *{Insert name of contract}* under invitation for Bids No.*{Insert IFB number}* ("the IFB").

Furthermore, we understand that, according to your conditions, Bids must be supported by a Bid Guarantee.

At the request of the Bidder, we *{insert name of issuing agency}* hereby irrevocably undertake to pay you any sum or sums not exceeding in total an amount of *{insert amount in figures}* *{insert amount in words}* upon receipt by us of your first demand in writing accompanied by a written statement stating that the Bidder is in breach of its obligation(s) under the Bid conditions, because the Bidder

- (a) has withdraw its Bid during the period of Bid validity specified; or
- (b) does not accept the correction of errors in accordance with the Instructions to Bidders (hereinafter "the ITB"); or
- (c) having been notified of the acceptance of its Bid by the Employer during the period of bid Validity, (i) fails or refuses to execute the Contract Form, if required, or (ii) fails or refuses to furnish the Performance Security; in accordance with the ITB.

This Guarantee shall expire: (a) if the Bidder is the successful bidder, upon our receipt of copies of the Contract signed by the Bidder and of the Performance Security issued to you by the Bidder; or (b) if the Bidder is not the successful bidder, upon our receipt of a copy of your notification to the Bidder that the Bidder was unsuccessful, otherwise it will remain in force up to*{insert date}*

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

{signature(s) of authorized representative(s) }

DRAFT WARRANTY CERTIFICATE WATER PROOFING WORK

This serves to confirm that M/S ...(*Contractor's company name*).....has executed water proofing work at the following address.

Location/Locations: :

Site address : Department of Government Information, No.163, Kirilapone Avenue, Colombo 5

Completion date :

We, M/S ...(*name and address of main contractor's company*)..... hereby warrant that(*name of material*).....has been applied at above location/locations by ...(*name of sub contractor*)....., a duly authorized supplier and applicator in accordance with manufacturer's recommendations and is free from defect.

However if the material does not remain water tight for a period of ten years from(*date of completion*)..... we, M/S ...(*name of main contractor's company*)..... will replace the said water proofing material **together with any floor/wall finish affected due to rectification work**, at no cost to Employer and at our earliest, subject to following conditions.

1. Any water/damp penetration must be reported to us, in writing, immediately upon discovery to(*name & address of company*).....
2. Our representative should be allowed to access and facilities provided to inspect the area where the defect has been occurred.
3. Full payment for water proofing work has been made to us.
4. The limit of liability on any one project is equal to cost of water proofing material, application **and supply and re-applying any floor/wall finish that is affected.**
5. This warranty covers defects arising from defective material and/or defective application but does not cover defects due to mechanical damage or structural failure.

.....
Signed by
Main Contractor

Check List for Bidders

Bidders are advised to fill the following table:

ITEM	ITB Clause	YES (tick)	REFERENCE
Form of Bid			
Addressed to the Employer?	18		
Completed?	18		
Signed?	18		
Bid Security			
Addressed to the Employer ?	16		
Format as required ?	16		
Issuing agency as specified?	16		
Amount as requested	16		
Validity 60 days from Bid closing date	16		
Qualification Information			
All relevant information completed?	4		
Signed?	4		
Addendum			
Contents of the addendum (if any) taken into account?	10		
BID package?			
All the documents given in ITB Clause 12 enclosed in the original and copy?	12		
ITB Clause 19 followed before Sealing the BID Package?	19		

PREAMBLE NOTES FOR BUILDING WORKS

Part I – General rules

SECTION A

1. These Bills of Quantities have been measured **25 | Page** generally in accordance with the principles laid down in the Method of Measurement of Building Works (First Revision) SLS 573: 1999 published by Sri Lanka Standard Institution.
2. Additional items shall not be inserted into, nor any alterations made to, any Bill of Quantities.
3. In the Bill of Quantities, the item descriptions identify the work that has to be carried out but in the exact nature and extent of work to be performed to be ascertained by reference to the Drawings, Specification and Tendering Conditions. Conditions of Contract as the case may be read in conjunction with the matters listed against the relevant heading and item description as described in the Bill of quantities.
4. All items of work specified and or shown on the drawing to be valued by the measurement of such items only as are included in the Bill of Quantities which items to cover all costs incurred by the Contractor in fulfillment of these obligations under the Contract.
5. The Quantities stated in the Bill of Quantities are estimates only. They are not be regarded as the exact quantity of work to be done or materials to be supplied or arranging sub-contracts and all work will be measured net except where otherwise stated.
6. A price or rate shall be entered against each item in the Bill of Quantities where quantities are stated or not. Items against which no price is entered shall be considered to be covered by or included with other prices or rates in the Bill of Quantities. No claim for omissions on the part of the contractor will be entertained.
7. Payment will be made for only those materials, which are installed in the permanent works and taken over to the stocks as specified in the Specifications to the approval of the Engineer. Construction materials supplied and delivered to the site by the Contractor which become surplus to the above requirements shall become the property of the Contractor who shall reimburse the Employer any money that was paid to the Contractor for the supply and delivery to the site of the surplus materials.
8. Bids which group several items together in the Bill of Quantities under one price will not be accepted.

Provisional Sum

9. Items marked “pro. sum” in the Bill of Quantities are Provisional Sums and shall not to be executed unless ordered by the Engineer. This may be expended wholly or in part as directed by the Engineer.
10. The amounts set against any Provisional Sums for supply of materials shall be the net CIF amount adjusted for all discounts and customs duties. The amounts set against any items of profit shall include for all costs in connection with letters of credit, bank charges, interest charges and insurance after the materials come under the control of the Contractor.

Pricing

Pricing Preambles, Drawings and Specifications shall apply reciprocally between sections of the works unless otherwise described.

11. The rates and prices entered in the Bill of Quantities shall be deemed to be full inclusive value of the work covered by the several items including the following unless expressly stated otherwise;
 - a) All obligations imposed by the Contract.
 - b) Complying in every respect with the requirements and the considerations of the specifications and drawings.
 - c) All considerations arising from the definitions incorporated into each preamble section.
 - d) The recruitment, bringing to and from the site, accommodating and feeding and all incidental costs and expenses involved in the provision of all necessary skilled and unskilled labour and supervision for fixing erecting and installing or placing of materials and goods in position and all associated costs.
 - e) Supply of materials, goods, inspection, sampling and testing of materials, storage and costs in connection there with including waste and delivery to site and all associated costs.
 - f) Use of scaffolding, plant, equipment and tools.
 - g) Allow for protection of finished surfaces/fittings etc., all casings and temporary coverings and making good and clearing away upon completion of all work sections.
 - h) Establishment charges, overheads and profits.

- i) Selection provision and testing of materials and workmanship as required by the specifications.
 - j) All temporary works and construction maintenance works.
 - k) Samples to be given for approval.
 - l) Paying fees and giving notice to authorities.
 - m) All site investigations, setting out and survey work which may be necessary.
 - n) Safety precautions and all measures to prevent and suppress fire and other hazards.
 - o) Except where separate items are provided for bringing plant to the site and removing on completion, for providing, transporting to site, setting to work, operating (including all fuel and consumable stores), maintaining and removing from the site upon completion all construction plant and equipment necessary for the execution of the work, including the cost of all tests and other requirements in respect to such plant and equipment.
 - p) No allowance shall be made for increase in bulk or for extra working space required and the contractor shall allow for these and any other incidental expenses in his unit rates.
 - q) All applicable duties, taxes, charges, government levies, landing charges and transport etc., except VAT for materials and equipment.
12. In the event of their being any discrepancies between details on drawings, descriptions in specifications and descriptions in the Bills of Quantities then the rates and pricing shall be deemed to relate to the documents order of precedence set out in the Form of Agreement.

Abbreviations

13. The following abbreviations are used in the Bill of Quantities and carry the meanings as listed hereby.

m	-metre
m ²	- squaremetre
m ³	- cubicmetre
mm	- millimetre
nr	-number
kg	-kilogramme

t	-tonne
h	-hour
pc sum	- prime cost sum
pro.sum	- provisional sum

Payments

14. Payment against any item in the Bill of Quantities will be made only if such item has actually been carried out by the contractor.
15. Difference in the method of billing and in the phraseology used in various parts of the Bill of Quantities will not to be recognized as a basis of any claim for an increase in the Contract price.
16. In the Bills of Quantities, if any materials/fittings are described by using a trade name, it is only for the purpose of indicating the minimum level of quality and standard required. The Bidder may use any other material/ fittings, which are considered as equivalent or higher in quality and standard to those specified therein subject to the approval of the “Engineer”
17. No amendment which has not been authorized in writing by the Engineer shall be made to these Bills of Quantities.

Measurement

18. All measurements are net and the rates shall include for all laps (except for steel reinforcement where the quantity of laps is included in the BOQ quantity), waste, working space and trade or traditional allowances.
19. Dimensions used in calculating quantities shall be taken to the nearest 10mm (i.e. 5mm and less than 5mm shall be disregarded).

Builder's Work

20. Holes, mortises, pockets, grooves, chases and the like and items described as “built in” and “cast in” shall include making in its fullest sense and through, around, into over and up to the items concerned.
21. The Contractor shall obtain from all sub-contractors (weather nominated or otherwise) their requirements for all recesses, chases, holes and the like in order that they may be built in or formed as the work proceeds. No additional charges shall be allowed for cutting recesses, chases and holes and the like after the construction of the works.

Cleaning after Completion

22. The Contractor should leave the whole of the works ready for immediate occupation to the satisfaction of the Engineer including the following:
 - a) Cleaning and touching the buildings both inside and out, leaving all surfaces free of cracks, blemishes or splashes.
 - b) Easing, oiling and adjusting and making good of finishes to all fittings, doors, windows, ironmongery and the like.
 - c) Cleaning and polishing all marble glass, anodized aluminium and sanitary ware, including the removal of all protective coverings, paint splashes and the like. Replacements of all or any chipped, cracked or broken items
 - d) Balancing of air conditioning installations where applicable.
 - e) Removal of rubbish, debris or excess spoil from the site area and raking over and cleaning all unused parts of the site area.

Fix only

23. The expression “fix only” used in these Bills of Quantities means that the Contractor shall provide the following facilities:
 - a) Fixing with all necessary accessories and the like.
 - b) Supplying full size templates, giving and marking dimensions and taking responsibility for their accuracy.
 - c) Getting in, protecting, handling, distribution and placing in position and assembling as required.
 - d) Casing up and protection, including clearing away protection on completion of the works including sub-contractor works.

- e) Full cost of replacement of any items which are damaged, broken, lost or stolen after the acceptance of the items from the supplier or Employer and until handing over the complete works.
- f) Other necessary and usual facilities and documentation.

Supply only

24. The expression “supply only” used in these Bills of Quantities means that the Contractor is to provide for everything in connection with such items except fixing in position.

Sub – Contractors

25. When subcontracts whether nominated or not, are utilized, the main contractor’s “attendance” means that Contractor shall provide the following minimum attendances and facilities:
- a) Use of Contractor’s administrative arrangements.
 - b) Use of Contractor’s facilities at site.
 - c) Use of temporary works at site.
 - d) Clearing away rubbish from the central point of collection.
 - e) Supplying full size setting out templates and giving and marking dimensions and taking responsibility for their accuracy.
 - f) Providing working space and stores.
 - g) Other necessary and usual facilities, documentation, general inter-trades attendance, labour and assistance.

The Contractor shall allow for any additional costs incurred due to sub-contractors different working hours from and extended hours to those works by the Contractor.

Prime Cost Sums in Unit Rates

26. Certain rates within the Bills of Quantities will include Prime Cost Sums. The material specification and fixing details will be specified. The Contractor is to include against each heading the necessary uplifts and additions required to give his final rate. This rate will then be carried to the relative places within the Bills of Quantities.

These prime cost sums are subject to alteration and no additional claim will be allowed for the varying of these items.

Provisional Quantity Items

27. Items in the Bill of Quantities designated as “Provisional Quantity” in the description column indicate that the quantities for the work covered by such items are the best possible estimates that can be made in advance of the execution of the work, or that the provision of such facilities as are described in the items, may not, in the event, be required under the Contract. All items so designated will be used only at the direction and discretion of the Engineer, and if not used either wholly, or in part shall, as to the amount not used, be deducted from the Contract Sum. Where such items consist of a “item”, the contractor shall enter a **lump sum** which shall be the price for the work if executed, as distinct from a „Provisional Sum“ as defined herein. No claim will be entertained in respect of overhead charges or any other costs which may allegedly result from the omission of all or part of the work covered by such “Provisional Quantity” items.

Items in Unit Rates

28. The rates and sums entered by the Contractor against all “item” in the Bill of Quantities shall bear the cost of carrying out the work described in the Contract.

Part II

SECTION C1: DEMOLITIONS

01. Rates for Demolition shall include demolishing, dismantling and removing etc. with the minimum damage to the material in the process of dismantling, temporary supporting and protecting existing work and adjacent properties against damage, dust and weather and stacking all serviceable materials as directed and disposal of debris from site

including temporary screenings and spraying water periodically to reduce the amount of dust.

02. All serviceable materials in demolished structures shall be the property of the Employer.
03. Necessary approvals to be taken from suitable authority prior to disposal of demolished parts.
04. Temporary support incidental to demolitions which is at the discretion of the Contractor. Support is deemed to include nails, wedges and bolts.
05. The Contractor shall provide all necessary hoardings, fans, guard rails, barriers, temporary lighting and warning signs for the purpose of safeguarding the public and the rights of way around the building and shall maintain and remove same on completion.
06. Clear away all debris, excess materials and temporary works and leave the site in a tidy condition on completion.

SECTION C2: ALTERATIONS

01. Shoring & scaffolding incidental to the work disturbed by such shoring and scaffolding is deemed to be included within each item.
02. Alterations are deemed to include:
 - a.) Disposal of materials other than those remaining the property of the employer or those for re-use.
 - b.) Work incidental to alteration.
 - c.) All new fixing or joining material required.
 - d.) Making good for all existing surfaces and structures.

SECTION C3: REPAIRS AND MAINTENANCE

01. Shoring and scaffolding incidental to the work and making good all work disturbed by such shoring and scaffolding is deemed to be included.
02. Items are deemed to include:
 - a.) Disposal of materials.
 - b.) Incidental works.

03. Formwork and making good to match existing are deemed to be included.

SECTION D: EXCAVATION AND EARTH WORK

01. The quantities of material excavated and used as filling are measured net using dimensions from the drawings, with no allowance for bulking, shrinkage or waste. No allowance shall be made for any extra transport required due to bulking.

02. The volume of disposal of excavated material measured shall be the difference between the total net volume of excavation and the net volume used for filling. Disposal of excavated material shall be deemed to be disposal off the site unless otherwise stated in item description, and where disposal on site is required, the location shall be stated in the item description.

03. Removing of trees stumps shall be included, grubbing up roots, disposal of materials as specified and filling voids.

04. Rates for filling shall be deemed to be included for compaction.

05. Rates for excavation shall be deemed to include for the following.

a.) Excavating by whatever means are necessary including hand excavation in any kind of ground, except rock.

b.) Over break including filling with mass concrete to the levels required by the Engineer.

c.) Trimming or grading ground to produce level surfaces or surfaces to falls or slopes.

d.) Ramming and compacting sides and bottoms of excavations.

e.) Additional excavation for working space arising out of any cause, as excavation measured net unless otherwise specified in item description.

f.) Any hand excavation required around existing services or the like.

g.) Compliance with relevant acts, by laws and regulations relating to excavations and earth work supports.

h.) Dewatering and earthwork support where necessary.

- i.) Inspection of Site.
06. The method of measurement and re-measurement will be entirely at the discretion of the Engineer but generally will be as follows:
- a.) Where there is no reduced level excavation, other excavations will be measured from natural ground level.
 - b.) In instances where there is excavation to reduce levels other excavations will be measured from the reduced level.
07. The tenderer at the time of preparing the tender shall ascertain the prevailing laws and regulation as to the legal requirements of blasting rock and shall allow in his prices accordingly.
08. Rates for excavation in rock requiring blasting shall include for:
- a.) Obtaining all necessary permits and taking precautionary measures during blasting operation.
 - b.) Complying with all regulations and instructions issued by relevant government or local government authorities.
 - c.) Additional Insurance cover; if necessary.
09. Earth work support
- a) Provisional quantities of earth work support (planking and strutting) are given in the BOQ.
 - b) Payment for earth work supports will only be considered if physically carried out at the site.

The Contractor shall obtain the prior approval of the Engineer before carrying out any alternative method of earth work supports than specified in the Contract.

10. Termite Protection/ Applying Insecticides.
- a.) The quantity measured in the BOQ is the plinth area of the building in square meters. The bidder shall assess the actual quantity of area to be treated and shall allow in the unit rate accordingly.
 - b.) Rate shall include for providing guarantee as per contract.

SECTION F1: INSITU CONCRETE

01. The rates for all concrete work shall include for the following:

- a.) All costs incurred in determining the mixes to satisfy the specification (including any admixtures).
- b.) Supplying all material (including any admixtures), storing, mixing, transporting, placing and compaction (whether by hand or vibration).
- c.) Excavation as required below previously filled levels and back filling (except where separate items are provided).
- d.) Roughening the surface of previously executed work as required in order to provide the necessary bond with new concrete.
- e.) Achieving specified tolerance.
- f.) Forming sloping, falls and the like.
- g.) Forming holes or boxing out for pipes, bolts, frames for covers and other steel work.
- h.) Building in cable conduit, pipes, junction boxes etc. (no deductions required)
- i.) Forming 25mm chamfers on all external rises to exposed concrete. (no deductions required)
- j.) Forming all construction joints, keys, stop ends, temporary stops and shuttering of other than permanently exposed faces (except where separate items are provided)
- k.) Curing the concrete and all measures to protect freshly poured concrete from direct sunlight and wave action.

- l.) Troweling, rubbing down etc. and making good the concrete surfaces to provide the specified finishes.
 - m.) The cost of control testing throughout the period of concreting and for the testing of concrete and remedial work ordered by the Engineer consequent to the results of control tests falling below the minimum specified.
 - n.) Overtime working to maintain continuity of casting.
 - o.) A daily return to the Engineer showing the quantities of cement and the volume of concrete placed and compacted in position, of each class of concrete in each section of the works and temporary works.
 - p.) All costs incurred in determining the mixes and testing of materials, making and testing of all test cubes to satisfy the specifications.
 - q.) All remedial work ordered by the Engineer consequent to the result of test failing below the minimum specified.
02. Concrete shall be transported from the place of mixing to the place of final deposition as rapidly as practicable by means which will prevent segregation, or loss of, or addition to the ingredients. It shall be deposited as near as practicable in its final position so as to avoid re-handling or discharging through chutes, troughs and the like. All skips, vehicles or containers used for transporting the concrete shall be thoroughly clean.
03. Concrete shall be deposited in its final position immediately after mixing. It shall be carefully placed in position and not tipped from a height exceeding 1.25 meters. No re-tempering of partially set concrete shall be permitted.
04. The rates for reinforced concrete shall include for working concrete around reinforcement.
05. All concrete is to be deposited in layers not exceeding 230mm thick and shall be thoroughly tamped to exclude any voids, and in reinforced work shall be carefully packed around reinforcement and against the forms to ensure good surfaces free from "honeycombing". Great care must be taken to ensure that the reinforcement is not displaced from its correct position during concreting.
06. As far as possible sections of the work shall be completed in one operation. If it is necessary to join up with work which has been stopped the surfaces shall be hacked and

roughened, thoroughly cleaned and coated with cement slurry (1:1) before concreting is resumed.

07. Cutting or forming chases, rebates, and grooves, forming holes and subsequently making good around pipes, sleeves, conduits, ducting metal sections and fittings and for forming all holes or openings.

SECTION F2: FORMWORK

01. The rate for formwork shall include;

- a.) All necessary boarding's, supports, erecting, framing, cutting, angles, cleaning, wetting and treatment before placing concrete and removal.
- b.) Formwork to beam, column, lintel and casings is deemed to include ends.
- c.) Deductions will be made for openings more than 0.50 m² in area.
- d.) Waste of forms, whether straight or curved, for coating to prevent adherence of concrete, for the provision of temporary and permanent openings.
- e.) Carefully coating with shutter oil ensuring that no shutter oil is applied to surfaces of reinforcement.
- f.) Easing, striking, removing and cleaning and preparing for re-use and removal when no longer required.
- g.) Other than contact surface of the concrete, such as overlaps and passing sat angles shall be included.
- h.) Shortening struts or shapes and re-strutting or re-shoring where required.
- i.) Rubbing down, filling and making good the surface of concrete after removal of shuttering.
- j.) Cutting or notching shutters or moulds to in-situ or pre cast concrete around projecting reinforcement.

02. The rates for wrought formwork / formwork to produce a special finish shall include for the following:

- a.) Any necessary rubbing down or filling allowed by the specification to produce the finish required.
- b.) Cutting out and re-casting unsatisfactory work or work not fulfilling the requirements of the specification or carrying out remedial or any other work required by the Engineer as an alternative to cutting out substandard work.

SECTION F3: REINFORCEMENT IN INSITU CONCRETE

Rates for reinforcements shall be included;

01. Cleaning, straightening where necessary, cutting, bending, fabricating, placing in position, holding and supporting including temporary fixing supports, hangers and binding wire, ties, spaces, chairs etc. to complete the work.
02. Fabric reinforcement is deemed to include laps, tying wire all cuttings & bending and spacers and chairs which are at the discretion of the Contractor.

SECTION F4: PRE-CAST AND PRE-STRESSED CONCRETE

01. Pre-cast units are deemed to include moulds, reinforcements, bedding, fixing temporarily supports, cast in accessories.
02. Pre-tensioned units are deemed to include moulds, reinforcements, grooves and rebates erection fittings, fixing, temporary support, cast in accessories and pre-tensioning.
03. Degreasing straightening, cutting to length, assembling, hoisting and fixing are deemed to be included.
04. Expendable items such as cones, wedges, anchor plates, spacers and the like are deemed to be included.
05. Forming a fair face in accordance with the specification to all exposed surfaces.

SECTION G1: BRICK WORK / BLOCK WORK

01. *The rates for masonry walls shall include for the following;*

- a) Extra material for curved work.
- b) Material testing at a recognized laboratory, provision of certificates.
- c) Small quantities and any extra labour in forming kerbs.
- d) Straight, raking, curved and circular rough or fair cutting, plumbing at angles, cutting and bonding at angles, openings and intersections.
- e) All necessary keys for in-situ finishings, building into and / or against adjacent work, wedging and pinning up to soffits.
- f) Grouting up at back of walls built against other construction.
- g) All necessary cast in wall ties at any junctions between different types of constructions such as brick work + block work, brickwork + concrete work, block work + concrete work and the like.
- h) All necessary expansion, construction, contraction joints, slip-strip or the like.
- i) Infill block work is deemed to include for infill material.

SECTION G2: STONE WORK

01. Rates for stone work shall be included;

- a.) Extra stone for joints.
- b.) Extra materials for curved work.
- c.) Mortises (other than linear item) holes, stops and arises.
- d.) Raking out joints to form key.
- e.) Labours in eaves filling.
- f.) Labours in returns, ends and angles.
- g.) Dressed margins to rubble work.
- h.) Leveling uncoursed work.
- i.) Rough and fair square cutting.

- j.) Centering.
- 02. Battering and tapering walls are deemed to include the extra materials required.
- 03. Work is deemed to include extra materials for bonding.

SECTION G3: ACCESSORIES / SUNDRY ITEMS FOR BRICK/ BLOCK/ STONEWALLING

- 01. Accessories are deemed to include;
 - a.) Rough and fair cutting on walls around accessories.
 - b.) Bedding and pointing accessories.
 - c.) Extra materials for curved works.
- 02. Fillets are deemed to include ends and angles.
- 03. Pointing in flashings is deemed to include cutting or forming grooves and chases.
- 04. Joint work is deemed to include preparation, cleaners, primers and sealers.
- 05. Air bricks, ventilating of grating of gratings and the like are deemed to include any necessary forming of openings, liners, cavity closers and damp proof courses.

SECTION H: WATER PROOFING

- 01. RATES FOR WATER PROOFING SHALL INCLUDE FOR;
 - a.) Cleaning, washing and preparation of surfaces to receive Water Proofing treatment.
 - b.) Construction of mortar fillets at slab/wall and wall/wall intersections.
 - c.) Cost of procurement and submission of certificates and warranties as specified.
 - d.) Testing the effectiveness of the water proofing treatment by ponding as directed and rectification if required.
 - e.) Laps, notching, bending, cutting waste etc. of pre-formed membrane.
- 02. Work is deemed to include internal and external angles, angle fillets, arrises, edges, intersections on work to cross falls.

SECTION K: METAL WORKS

01. The rates for metal works shall include for the following:

- a.) All fabrication work, handling, delivery, unloading, hoisting, fitting and fixing in position.
- b.) Joints in the running length.
- c.) Angles in the running length.
- d.) Holes, notches, slots and the like.
- e.) Fixing with appropriate non-corroding countersunk screws including holes unless otherwise described.
- f.) Riveted and bolted work shall include rivets, bolts and holes.
- g.) Approved protection to cut ends or holes in galvanized work or other applied finish.
- h.) Metal door frames shall include for assembling, fixing with clamps, and filling with mortar, temporary supports and removal of base ties.
- i.) Floor plates, duct covers and the like shall include narrow widths laying in position and for all holes, slots and the like making good.

SECTION L: WOOD WORK

SECTION L1: CARPENTRY

01. All timber shall be measured as the net length, unless otherwise stated and all sizes given are finishing sizes.

02. All timber shall be well seasoned and treated against termite attack before fixing in position.

03. Rates for carpentry shall include;

- a.) Any type of cutting required sewing, notching, drilling, trimming framing jointing, splayed edges and the like hoisting and fixing in position completed with nails, spikes, plugs screws, and gluing and priming to joints and ends.
- b.) Forming splayed edge, grooves, champers, scribed and rounded edge, beveling molding and the like.
- c.) Plugging, wedging, nuts and washers with bolts, spokets, pins and the like.

d.) Rebating, sinking, grooving, mortising.

e.) Applying two coats of an approved wood preservative before fixing.

04. Protection and keeping cleaning for staining polishing or painting.

05. Cleats, packers tapered pieces of timber & the like are deemed to be included with structural timbers.

SECTION L2: JOINERY

01. Rates for Joinery Work shall include for:

- a.) Any type of cutting required, sewing, making notching, drilling, trimming, planning forming and jointing and the like fixing in position complete with nails, spikes plugs screws and gluing and priming to joints and ends.
- b.) Forming splayed and tongued edges, rebates mortises grooves, champers, scribed and rounded edge, beveling molding, margin and the like and rounded corners, sinkings.
- c.) Working to states sizes, for all short lengths making miters, joints and ends.
- d.) Necessary bolts, metal clips, anchors, rawlplugs, grips and fixing joinery.
- e.) Gluing, dowelling, plugging, wedging on a pin and the like.
- f.) Punching heads and filling with approved filler if nails or pins are used for fixing.
- g.) Counter sunking and palleting if brass screws are used for fixing.
- h.) Painting rebates of frames before fixing glass.
- i.) Bedding in cement mortar filling and hanging to frame lining.
- j.) Protection and keeping clearing for staining polishing or painting.
- k.) Framing together all work in accordance with the best practices.
- l.) Priming backs before fixing.
- m.) Drilling and making good

SECTION L3: IRONMONGERY

01. The rates for ironmongery shall include for the following:

- a) Mortises, sinkings and the like.
- b) Removing before and replacing after decoration.
- c) Testing, easing and adjusting including oiling and leaving in perfect working order.
- d) Adhering strictly to mastering and sub-mastering schemes.
- e) Supplying and labeling at least two keys for each and every lock and handing to the employer's representative.

f) Master key if required by the specification or drawings.

SECTION N: PARTITIONS / LININGS / SUSPENDED CEILINGS

01. The rates for partitions shall include for the following;

- a.) Fair joints.
- b.) Additional labour for overhead work.
- c.) Plaster for touching up.
- d.) Trims and beds.
- e.) All integral components, holes and the like performed at factory.
- f.) Pattered work is deemed to include all extra work involved.

02. Partitions linings are deemed to include the following where part of the partition system, where not part of the partition system, they are measured in accordance with appropriate work section rules;

- a.) Head and sole plates.
- b.) Studs, stiffening sections, fringes and channels.
- c.) Metal resilient bars.
- d.) Jointing bars.
- e.) Insulation and barriers.
- f.) Fillets, battens and the like.

03. Openings are deemed to include additional integral components, ironmongery, glass linings and the like.

04. Cubical partitions are deemed to include framing, stiffening, connecting and fixing devices, supporting legs and brackets.

05. Suspended ceilings etc are deemed to include;

- a.) Working over and around obstructions.
- b.) Support work and accessories for fittings.
- c.) Suspension and framed members.

d.) Cutting.

e.) Rates shall also be deemed to include any depth between the soffit of the slab to which the ceiling is suspended and the finished level.

06. Work incorporating integral fittings is deemed to include additional hangers, framing and the like.

07. Access panels are deemed to include edge trim and fixings.

08. Bridging is deemed to include additional fixings.

SECTION P: ROOF COVERING / ROOF PLUMBING

01. The rates for Roof covering and roof plumbing shall include for the following:

a.) Hoisting and placing roofing materials in position.

b.) Laps, straight cutting, raking cutting, curved cutting and waste.

c.) Nails, screws, clips, rivets, straps and the like.

d.) Work to falls and cross falls.

e.) Cutting ends, angles, intersections, bending, turning in to grooves, wedging, dressing, trimming and dressing over angle fillets, Fixing nuts, limpets etc..

f.) Forming voids $\leq 0.10 \text{ m}^2$ other than holes.

g.) Joints in the running length and brackets including cutting and fixing for gutters and down pipes.

h.) Any Guarantee for finished work as per contract

i.) Apply paint to all exposed faces of roof plumbing as directed.

SECTION O: PLUMBING / SANITARY INSTALLATIONS

01. The rates for plumbing / sanitary installations shall include for the following:

a.) Complying with the relevant Sri Lanka or British Standard and with the regulations of the local authorities and other controlling bodies.

b.) Pipes where diameter is less than or equal 50mm diameter, fittings are included in the pipe work items.

- c.) Cutting and waste of pipe etc. and jointing pipes.
- d.) Solder, rivets, screws, nails, clips, brackets, running sockets, straps etc.
- e.) Connecting pipes to sanitary fixtures and appliances,
- f.) Laying, chasing, burying and fixing pipes and fittings making good all worked disturbed.
- g.) All laps, straight cutting and waste.
- h.) Chipping concrete/ masonry work where necessary.
- i.) Testing installation as required.
- j.) Applying painting to all exposed faces of pipe work as directed.

02. The rates for sanitary fittings and the like shall, „unless otherwise described or implied, include for the following:

- a.) Assembling component parts including suitable bedding compounds.
- b.) All necessary plugging and brass screwing.
- c.) Joints to water services with straight or bent proprietary connectors
- d.) Joints to waste soils or drain pipes „with approved proprietary connectors.
- e.) Cleaning off all protective wrappers and leaving ready for use.
- f.) Leaving taps and valves greased, clean and in full working order.

SECTION S: ELECTRICAL INSTALLATIONS

01. The rates in general shall include for the following

- a.) All cutting, short lengths and small quantities.
- b.) All joints in the running length and all connections.
- c.) All considerations arising from the specification.
- d.) All necessary conduits, cables, fittings, screws, nails, clips, brackets, junction boxes, straps, 3 core flexible cables, ceiling roses, GI chains, fan hooks and the like.
- e.) Pipe sleeves through walls.

- f.) Assembling component parts.
- g.) Cleaning off all protective wrappers and leaving ready for use.
- h.) Leaving all equipment, etc., clean and in full working order.
- i.) Draw wires „in empty conduits.
- j.) Consulting and co-operating with other trades.
- k.) Giving notices, obtaining permits, paying fees etc.
- l.) Provision of shop drawings and circuit diagrams including conduit layout drawings etc.
- m.) Labeling switch and distribution boards and other equipment.
- n.) Providing samples of switches and other fittings.
- o.) Earthing the installation.
- p.) Testing installations as required by the Engineer and submission of certificate of conformance of Electrical Installations to IEE regulations by a Chartered Electrical Engineer registered with the Ceylon Electricity Board.
- q.) Submitting charts/ lists indicating the country of origin and performance of all equipment offered.
- r.) Cabling and conduiting shall be inclusive of all sleeves, joints, etc., as required to connect the incoming supply to the Main Distribution Board.

SECTION T: FLOOR/ WALL/ CEILING FINISHES

General notes

01. Thicknesses of plaster work, bedding, backing etc. given in the description of items are the optimum thickness required.
02. Finished work must conform in all respect to the approved samples.
03. Pointed edges special tiles or the like to ceramic or clay tiles, marble work and the like shall be deemed to be included.
04. Brushing and cleaning off and damping down all backgrounds.
05. Square and rounded edges coving at wall, floor and ceiling junctions, quirks, wee-joints and making good to frames and the like.

06. Dubbing out as necessary to take up tolerances in the structure and cambers in floors and the like.

SECTION T1: FLOOR FINISHES.

01. Rates for floor finishes shall include for:

- a.) Straight raking curved and circular cuttings and all consequent wastage.
- b.) All setting out temporary rules, screeds, template and supports.
- c.) Curing and cleaning off / down upon completion.
- d.) Spacers, cover guards, etc. to tiling or the like.
- e.) All labours and making good around pipes, ducting and fittings and the like.
- f.) Joints between different surfaces.
- g.) Finishing to slopes and cross falls.
- h.) All normal cutting arises, rounded edges, bedding and pointing, grouting.
- i.) Chipping or any extra thickness required to finish the true level.

SECTION T2: WALL AND CEILING FINISHES.

01. Rates for wall finishes shall include for:

- a.) Straight raking curved and circular cuttings and all consequent wastage.
- b.) All setting out temporary rules, screeds, template and supports.
- c.) Curing and cleaning off / down upon completion.
- d.) Spacers, cover guards, etc. to tiling or the like.
- e.) All labours and making good around pipes, ducting and fittings and the like.
- f.) Wall finishing accessories such as chicken mesh, angle beads and the like.
- g.) Forming arises and stopping against joinery work, metal work etc.
- h.) Internal and external angles.
- i.) Chipping or any extra thickness required to finish the true level.

02. Rates for ceiling finishes shall include for:

- a.) Planning of underside of frame work to receive ceiling sheets / planks.

- b.) Planning and grooving of timber planks if used.
- c.) All labour for making good around pipes, ducting and fittings and the like.
- d.) Framing/drilling for holes, complete with all necessary nails, spikes, screws etc.
- e.) Hoisting and fixing in position
- f.) All laps straight cutting and waist
- g.) All timber members to be treated with wood preservative.
- h.) Preparing exposed surfaces and painting as specified or directed.
- i.) Internal and external angles.
- j.) Ceiling finishing accessories such as chicken mesh, angle beads and the like.

SECTION V: PAINTING

01. The rates for painting shall include for:

- a.) Preparation of surfaces, cleaning down
- b.) Smoothing, knotting, stopping etc.
- c.) Protecting floors, walls and fittings etc.
- d.) Removing and replacing doors furniture and cleaning upon completion.
- e.) Providing painting to an approved colour scheme and design.
- f.) Working at any height, working to returns, pointing in any colour, multi-colour work if any, and painting in small quantities.
- g.) Rates for glazed general surfaces, glazed windows and the like (measured flat over glass irrespective of size of pane), shall include for work to edges and glazing rebates, returns and moldings of frames, mullions, transoms, architraves, and the like.

Note:-

Painting and similar work to timber surface, metal surfaces, PVC surfaces and any other surfaces requiring painting have been measured with the relevant items.

**PROPOSED REFURBISHMENT OF 'CENTRE FOR MEDIA DEVELOPMENT' BUILDING
AT THE DEPARTMENT OF GOVERNMENT INFORMATION**

**BILL NO. 1
PRELIMINARIES**

Item	Description	Qty.	Unit	Rate	Amount Rs.
	<u>PRELIMINARIES</u>				
A	Allow lump sum to provide an advance payment guarantee (To be paid on actual lower that is quoted)		Item		
B	Allow lump sum to provide performance bond (to be paid on actual which ever is lower that is quoted)		Item		
	<u>Contractors/Engineers Facilities</u>				
C	Provide lump sum to construct furnish and maintain temporary shed for contractors staff accommodations		Item		
D	Allow lump sum to provide shop drawing handing over schedule of fixtures & fittings etc.		Item		
	<u>Temporary Works</u>				
E	Provide lump sum for necessary protection and safeguarding the works, materials and plants against damages, trespass or theft, and full time security guard and watchman, for the full contract period		Item		
F	Supply and fix temporary safety protective covering with the safety net as necessary all as directed by the Engineer		Item		
G	Supply and fix safety barriers and safety notice as necessary as directed by the Engineer		Item		
H	Allow for providing Insuranceses required by the Contract		Item		
I	Allow for curing of waterproof area		Item		
J	Provide lump sum for removal of all rubbish, debris regularly and clearing of site on completion, all on good order and cleaning the floors of the completed work and handing over		Item		
	To Collection			Rs.	

**PROPOSED REFURBISHMENT OF 'CENTRE FOR MEDIA DEVELOPMENT' BUILDING
AT THE DEPARTMENT OF GOVERNMENT INFORMATION**

**BILL NO. 1
PRELIMINARIES**

Item	Description	Qty.	Unit	Rate	Amount Rs.
A	<p><u>PRELIMINARIES (CONT'D)</u></p> <p><u>Construction management and supervision</u></p> <p>Allow lump sum for employing suitably qualified and experienced engineering and technical personnel (technical office , supervisor)</p>		Item		
	To Collection			Rs.	
	<p><u>COLLECTION</u></p> <p>Page- 50</p> <p>Page- 51</p>				-
	<p><u>BILL NO. 1 -PRELIMINARIES</u></p> <p>Total Carried to General Summary</p>			Rs.	-

PROPOSED REFURBISHMENT OF 'CENTRE FOR MEDIA DEVELOPMENT' BUILDING

BILL NO. 2

REPAIRING OF AUDITORIUM ROOF

Item	Description	Qty.	Unit	Rate	Amount	Rs.
	<p>CONCRETE WORK</p> <p>The Contractors are requested to refer Bills of Quantities, General Notes, Pricing Preambles, Drawings, Specifications, Conditions of Contract, Special, Conditions of contracts and other relevant documents prior to pricing of this section of work. Documents prior to pricing of this section of work</p> <p>All concrete works shall comply to the specifications, filled into formwork and well consolidated around reinforcement by vibration.</p> <p>Rates shall include for plant for mixing, handling, hoisting, depositing, compacting, vibrating, curing, making good after removal of formwork and for any tests as necessary.</p> <p>All cement and reinforcement steel to be an approved make and manufacturer.</p> <p>CONCRETE</p> <p><u>Reinforced concrete (grade 25)</u></p>		Note			
A	200 x 150 high capping beam on parapet wall	3	m3			-
	<p>FORM WORK</p> <p>All formwork shall be so constructed that no grout shall leak out during concreting.</p> <p>Formwork is measured as the net contact surface</p> <p>Formwork shall be plywood or steel shutter and GI pipe supporting system.</p> <p>Rate for formwork shall include for necessary boarding supports, erecting, framing, removing, cleaning and wetting.</p>					
B	200 x 150 high capping beam on parapet wall	30	m2			-
	To Collection		Rs.			-

PROPOSED REFURBISHMENT OF 'CENTRE FOR MEDIA DEVELOPMENT' BUILDING

BILL NO. 2

REPAIRING OF AUDITORIUM ROOF

Item	Description	Qty.	Unit	Rate	Amount	Rs.
	CONCRETE WORK (CONT'D)					
	<u>REINFORCEMENT</u>					
	All reinforcement shall be as per specifications and relevant drawings.					
	All reinforcement shall be free from rust, grease, oil and plants					
	Rage shall include for cutting fabricating placing in position including, hangers, binding wire, spaces and waste					
A	200 x 150 high capping beam on parapet wall	350	Kg			-
	WALL FINISHES					
	The Contractors are requested to refer Bills of Quantities, General Notes, Pricing Preambles, Drawings, Specifications, Conditions of Contract, Special, Conditions of contracts and other relevant documents prior to pricing of this section of work.documents prior to pricing of this section of work.		Note			
	Rate shall include for all tile specials such as corners edges etc.,		Note			
	<u>Wall finishes</u>					
B	20mm thick cement and sand (washed sand) (1:5) semi rough plaster to received paint finish (externally) general and narrow surface; Width > 300 mm	75	m2			-
C	- ditto do - but width < 300 mm	120	m			-
	To Collection		Rs.			-

PROPOSED REFURBISHMENT OF 'CENTRE FOR MEDIA DEVELOPMENT' BUILDING

BILL NO. 2

REPAIRING OF AUDITORIUM ROOF

Item	Description	Qty.	Unit	Rate	Amount	Rs.
	<p>METAL WORK</p> <p><u>NON-STRUCTURAL METAL WORKS-</u></p> <p><u>Supply, fabricate and erect structural steelwork to be grade S 275 with welded and bolted connections including designing all connections, joints and all necessary accessories and fittings to the Engineer's approval and in accordance with the Drawings and Specifications</u></p> <p><u>Rate shall including Fixings to steel frame work , including plates, haunch, bolts and all necessary to make complete as per Drawings, Specifications and to the approval of the Architect</u></p> <p><u>Roof covering</u></p>					
A	Supply and laying of Polyurethane (PU) Sandwich panel including 0.47 Zn/AL roofing top sheet ;colourbond .35 mm bottom sheet, 50mm PU thick panel with all necessary screws and other ancillaries to complete work as per the approval of the Architect	600	m2			-
B	Supply and fixing of 0.47 mm thk. GI Flashings with necessary rivets, nails, etc. as per detail drawings & specifications. Colour to be decided by the architect	120	m2			-
	To Collection		Rs.			-

PROPOSED REFURBISHMENT OF 'CENTRE FOR MEDIA DEVELOPMENT' BUILDING

BILL NO. 2

REPAIRING OF AUDITORIUM ROOF

Item	Description	Qty.	Unit	Rate	Amount	Rs.
	METAL WORK (CONT'D)					
	<u>NON-STRUCTURAL METAL WORKS- (CONT'D)</u>					
	<u>Roof plumbing work</u>					
A	0.47mm thick Zn./Al. Rain water down pipes fixed with necessary clips and accessories as per drawings and specifications. Colour to be decided by the architect	120	m			-
B	0.47mm thick Zn./Al. Rain water eave gutter fixed with necessary clips and accessories as per drawings and specifications. Colour to be decided by the architect	25	m			-
C	Repairing existing down pipe as per the approval of the Architect (Approximate length- 50 m)		Item			
	<u>Protective Treatment/ Painting</u>					
D	Allow for approved corrosion protective treatment system to non structural steel structure as per Drawings and Specifications		Item			
	To Collection		Rs.			-

PROPOSED REFURBISHMENT OF 'CENTRE FOR MEDIA DEVELOPMENT' BUILDING

BILL NO. 2

REPAIRING OF AUDITORIUM ROOF

Item	Description	Qty.	Unit	Rate	Amount Rs.
	<u>COLLECTION</u>				
	Page-52				-
	Page-53				-
	Page-54				-
	Page-55				-
<p><u>BILL NO. 02 -REPAIRING OF AUDITORIUM ROOF</u> Total carried to General Summary</p>			Rs.		-

PROPOSED REFURBISHMENT OF 'CENTRE FOR MEDIA DEVELOPMENT' BUILDING

BILL NO. 3

WATER PROOFING, RE-TILING AND RELATED WORK FOR ROOF TERRACE AND REPAIRING OF WATER TANK STRUCTURE

Item	Description	Qty.	Unit	Rate	Amount	Rs.
	DEMOLITION WORK					
	Rates shall include for equipment's ,plants for demolition work, cleaning , safety covering , net etc.					
A	Carefully removing of existing floor tiles including tile bed on roof terrace to received waterproofing work , rate shall include necessary hoist equipments , scaffolding, safety nets and machineries including collecting / stacking debris and cart away from the roof terrace	295	m2			-
B	Removing derbies from the site		Item			-
	CONCRETE WORK					
	The Contractors are requested to refer Bills of Quantities, General Notes, Pricing Preambles, Drawings, Specifications, Conditions of Contract, Special, Conditions of contracts and other relevant documents prior to pricing of this section of work. Documents prior to pricing of this section of work		Note			
	All concrete works shall comply to the specifications, filled into formwork and well consolidated around reinforcement by vibration.		Note			
	Rates shall include for plant for mixing, handling, hoisting, depositing, compacting, vibrating, curing, making good after removal of formwork and for any tests as necessary.		Note			
	All cement and reinforcement steel to be an approved make and manufacturer.		Note			
	To Collection		Rs.			-

PROPOSED REFURBISHMENT OF 'CENTRE FOR MEDIA DEVELOPMENT' BUILDING

BILL NO. 3

WATER PROOFING, RE-TILING AND RELATED WORK FOR ROOF TERRACE AND REPAIRING OF WATER TANK STRUCTURE

Item	Description	Qty.	Unit	Rate	Amount	Rs.
	CONCRETE WORK (CONT'D)					
	<u>CONCRETE</u>					
	<u>Reinforced concrete (grade 25)</u>					
A	Concrete beam on roof terrace floor to received base plates ad anchoring method for "H" Irion (Measured separately)	4.68	m3			-
B	200 x 150 high capping beam on parapet wall	3	m3			-
C	Supply and filling of light weight concrete on floor including formwork and all necessary ancillaries to complete work as per drawings and to the Approval of the Architect	10	m3			-
	<u>FORM WORK</u>					
	All formwork shall be so constructed that no grout shall leak out during concreting.					
	Formwork is measured as the net contact surface					
	Formwork shall be plywood or steel shutter and GI pipe supporting system.					
	Rate for formwork shall include for necessary boarding supports, erecting, framing, removing, cleaning and wetting.					
D	Floor beam on roof terrace floor to received base plates ad anchoring method for "H" Irion (Measured separately)	31.2	m2			-
E	200 x 150 high capping beam on parapet wall	24	m2			-
	To Collection		Rs.			-

PROPOSED REFURBISHMENT OF 'CENTRE FOR MEDIA DEVELOPMENT' BUILDING

BILL NO. 3

WATER PROOFING, RE-TILING AND RELATED WORK FOR ROOF TERRACE AND REPAIRING OF WATER TANK STRUCTURE

Item	Description	Qty.	Unit	Rate	Amount	Rs.
	CONCRETE WORK (CONT'D)					
	<u>REINFORCEMENT</u>					
	All reinforcement shall be as per specifications and relevant drawings.					
	All reinforcement shall be free from rust, grease, oil and plants					
	Rate shall include for cutting fabricating placing in position including, hangers, binding wire, spaces and waste					
A	Floor beam on roof terrace floor to received base plates ad anchoring method for "H" Irion (Measured separately)	380	kg			-
B	200 x 150 high capping beam on parapet wall	300	Kg			-
	ASPHALT WORK (WATER PROOFING)					
	The Contractors are requested to refer Bills of Quantities, General Notes, Pricing Preambles, Drawings, Specifications, Conditions of Contract, Special, Conditions of contracts and other relevant documents prior to pricing of this section of work. Documents prior to pricing of this section of work		Note			
	Rate shall include					
	Clean with wire brush where necessary the concrete surface and remove dust, etc.,. Prepare the concrete surface to receive the treatment		Note			
	Contractor shall submit ten years guarantee for water proofing material and workmanship through his specialist sub contractor in the name of the Employer in an acceptable format		Note			
	To Collection		Rs.			-

PROPOSED REFURBISHMENT OF 'CENTRE FOR MEDIA DEVELOPMENT' BUILDING

BILL NO. 3

WATER PROOFING, RE-TILING AND RELATED WORK FOR ROOF TERRACE AND REPAIRING OF WATER TANK STRUCTURE

Item	Description	Qty.	Unit	Rate	Amount	Rs.
ASPHALT WORK (WATER PROOFING) (CONT'D)						
A	Cleaning and washing of slab surface to received new waterproofing treatment		Item			-
B	form 25 x 25 mm angel fillets for all right angel edge with waterproofing mortar as directed by the Engineer	150	m			-
C	Seal around storm water drain outlets with waterproofing mortar (Mapefill GP)	4	nr			-
D	Prepare wall surface to received waterproofing system according to manufacture's details including removing existina plaster area up to 300 mm high	45	m2			-
E	plaster to protect waterproofing layer with cement sand mortar on walls	45	m2			-
F	Laying 50mm thick chip concrete layer with BRC mesh as protective bedding to waterproofing system (Measured separatelv) on floor	295	m2			-
G	Construction joint /panel joint seal with waterproofing chemicals including forming grove 10 x 10mm size	30	m			-
	<u>Apply 02 coats of (Masterseal 540) waterproofing system according to manufacture's specifications including reinforced all horizontal/ vertical intersections with waterproof chemical all as per manufacture's specification</u>					
H	On floor area	315	m2			-
J	On wall area	84	m2			-
K	Supply and lay extruded polystyrene "E-foam/ Esscafoam" 40mm insulation boards as per manufacture's specifications	295	m2			-
	To Collection		Rs.			-

PROPOSED REFURBISHMENT OF 'CENTRE FOR MEDIA DEVELOPMENT' BUILDING

BILL NO. 3

WATER PROOFING, RE-TILING AND RELATED WORK FOR ROOF TERRACE AND REPAIRING OF WATER TANK STRUCTURE

Item	Description	Qty.	Unit	Rate	Amount Rs.
A	<p>DOORS/ WINDOWS /PARTITION WALLS</p> <p>For the full description of materials and workmanship refer "Specification of Works", "Pricing Preambles" and "Drawings"</p> <p>Supply and fixing of 12 mm thick tempered fixed glass sliding door including mat finish Stainless steel "U" channel and all necessary ironmongeries to complete work as per drawings and approval of the Architect/Engineer</p> <p>2400 mm wide sliding door</p> <p>FLOOR, WALL & CEILING FINISHES</p> <p>The Contractors are requested to refer Bills of Quantities, General Notes, Pricing Preambles, Drawings, Specifications, Conditions of Contract, Special, Conditions of contracts and other relevant documents prior to pricing of this section of work.documents prior to pricing of this section of work.</p> <p>All the tile joints to be filled in with coloured cement mortar 1:2 mix to match the colour of the tiles</p> <p>Rate shall include for all tile specials such as corners edges etc.,</p> <p>Rate for plastering shall include for providing expanded metal lath at different surfaces to avoid cracks</p> <p>Plaster of door window reveals not measured separately. Rate shall include for the above cost</p> <p>Consultant and client can be awarded these specialist finishes to a nominated sub contractor</p>	1	nr		-
	To Collection		Rs.		-

PROPOSED REFURBISHMENT OF 'CENTRE FOR MEDIA DEVELOPMENT' BUILDING

BILL NO. 3

WATER PROOFING, RE-TILING AND RELATED WORK FOR ROOF TERRACE AND REPAIRING OF WATER TANK STRUCTURE

Item	Description	Qty.	Unit	Rate	Amount	Rs.
FLOOR, WALL & CEILING FINISHES (CONT'D)						
<u>Floor Finishes</u>						
A	Supplying & laying of size 600 x 600mm size matt finished ceramic floor tile, approval of manufacture, texture and colour will be decided by the Architect. Set in 18mm thk. cement sand (washed sand) mortar 1:3 bedding with 3mm joints, pointed with and approved grout mix (Tile cost per ft ² 350/-).	245	m2			-
B	Repair damage surface with cement sand mortar and finish with cement slurry trowel finish on water tank floor area as per directed by the architect	20	m2			-
C	Forming concrete stormwater drain at the edge of floor including 1:3 plastering work, cement slurry trowel finish with forming edges to received steel drain cover (Measured separately)	120	m			-
<u>Wall finishes</u>						
D	20mm thick cement and sand (washed sand) (1:5) semi rough plaster to received paint finish (externally) general and narrow surface; Width > 300 mm	40	m2			-
E	- ditto do - but width < 300 mm	140	m			-
F	Supply & fixing 100mm high tile skirting to walls and finished with approved grout mix,	140	m			-
To Collection				Rs.		-

PROPOSED REFURBISHMENT OF 'CENTRE FOR MEDIA DEVELOPMENT' BUILDING

BILL NO. 3

WATER PROOFING, RE-TILING AND RELATED WORK FOR ROOF TERRACE AND REPAIRING OF WATER TANK STRUCTURE

Item	Description	Qty.	Unit	Rate	Amount	Rs.
	<p>PAINTING WORK</p> <p>The Contractors are requested to refer Bills of Quantities, General Notes, Pricing Preambles, Drawings, Specifications, Conditions of Contract, Special, Conditions of contracts and other relevant documents prior to pricing of this section of work.documents prior to pricing of this section of work.</p> <p>Rate for painting to plastered areas shall include for painting to reveals.</p> <p>Rate shall include for all preparation of surfaces, cleaning , smooth, protection and cleaning of surface</p> <p>Sample approval should be obtained from Architect prior to start work.</p> <p><u>External</u></p>		Note			
A	<p>Prepare and apply one coat of approved colour and quality primer and two coats of waterproof paint and three coats of weather shield emulsion paint to the standard Colour and manufacturer's specifications</p>	230	m2			-
	<p>METAL WORK</p> <p><u>NON-STRUCTURAL METAL WORKS-</u></p> <p><u>Supply, fabricate and erect structural steelwork to be grade S 275 with welded and bolted connections including designing all connections, joints and all necessary accessories and fittings to the Engineer's approval and in accordance with the Drawings and Specifications</u></p>					
B	<p>Supply and fixing of stainless steel drain grating with L angels and box bar framed grating as per the drawings and to the approval of the Architect</p>	120	m			-
	To Collection		Rs.			-

PROPOSED REFURBISHMENT OF 'CENTRE FOR MEDIA DEVELOPMENT' BUILDING

BILL NO. 3

WATER PROOFING, RE-TILING AND RELATED WORK FOR ROOF TERRACE AND REPAIRING OF WATER TANK STRUCTURE

Item	Description	Qty.	Unit	Rate	Amount	Rs.
	METAL WORK (CONT'D)					
	<u>NON-STRUCTURAL METAL WORKS- (CONT'D)</u>					
	<u>Roof plumbing work</u>					
A	0.47mm thick Zn./Al. Rain water down pipes fixed with necessary clips and accessories as per drawings and specifications. Colour to be decided by the architect	120	m			-
	PLUMBING WORK					
	Contractors are requested to refer Bill of Quantities, General Notes, Pricing Preambles, Drawings, Specifications, Conditions of contract and other relevant documents prior to pricing of this section of work.					
	Rate shall include for insurance during handling, rehandling, transport, storage, delivery to the point of installation and until handing over.					
	The tenderer shall submit the "Make', " Technical data" information's on the items /equipments/ fittings quoted for together with the tender.					
	All pipes to be fixed to the soffit with necessary fixing accessories and pipe supports hangers etc. to the hot dipped galvanized finish to the approval of the Consultant.					
	All pipes to be fixed with necessary fixing accessories and pipe supports hangers etc. (If required) to be hot dipped galvanized finish to the approval of the Consultant.					
	All cold water pipes to be type 1000u. P.V.C and fittings to be in molded type.					
B	40mm diameter PVC type 1000 with accessories	10	m			-
C	32mm diameter PVC type 1000 with accessories	15	m			-
D	25mm diameter PVC type 1000 with accessories	10	m			-
	To Collection		Rs.			-

PROPOSED REFURBISHMENT OF 'CENTRE FOR MEDIA DEVELOPMENT' BUILDING

BILL NO. 3

WATER PROOFING, RE-TILING AND RELATED WORK FOR ROOF TERRACE AND REPAIRING OF WATER TANK STRUCTURE

Item	Description	Qty.	Unit	Rate	Amount	Rs.
	<p>DRAINAGE WORK</p> <p>The Contractors are requested to refer Bills of Quantities, General Notes, Pricing Preambles, Drawings, Specifications, Conditions of Contract, Special, Conditions of contracts and other relevant documents prior to pricing of this section of work.documents prior to pricing of this section of work.</p> <p><u>Manholes</u></p> <p>A 300 mm x 300 mm stormwater manholes including excavation, backfilling, 4" thick grade 25 reinforced concrete in base slab and wall with necessary reinforcement and form work with cement, sand 1:3 smooth rendering / Bituminous application at invert level (on base concrete) to maintain the water flow. And complete with RCC manhole cover including forming benching hunching to complete with all connections to working order</p> <p><u>Waste Water Pipes</u></p> <p>All storm / waste pipes to be approved quality type 600 upvc or equivalent all fittings to be of moulded fittings.</p> <p>B 110mm diameter PVC type 600 with accessories</p> <p>C 63mm diameter PVC type 600 with accessories</p> <p>D 50mm diameter PVC type 600 with accessories</p>	4	nr			-
		50	m			-
		50	m			-
		30	m			-
	To Collection		Rs.			-

PROPOSED REFURBISHMENT OF 'CENTRE FOR MEDIA DEVELOPMENT' BUILDING

BILL NO. 3

WATER PROOFING, RE-TILING AND RELATED WORK FOR ROOF TERRACE AND REPAIRING OF WATER TANK STRUCTURE

Item	Description	Qty.	Unit	Rate	Amount Rs.
	<p>ELECTRICAL INSTALLATION</p> <p>The Contractors are requested to refer Bills of Quantities, General Notes, Pricing Preambles, Drawings, Specifications, Conditions of Contract, Special, Conditions of contracts and other relevant documents prior to pricing of this section of work.documents prior to pricing of this section of work.</p> <p>All electrical fittings shall be of best quality approved fittings. All switches, socket outlets etc., shall be Clipsal, ABB or equivalent. All MCCB, MCB, RCCB, etc., shall be approved European/ Japanese makes.</p> <p>Rates shall include for:</p> <p>(a) Supply, installing, testing and commissioning of the system for power and lighting. All complete to working order and to the entire satisfaction of the Consultant and the relevant Authorities.</p> <p>(b) Cutting, trimming, dressing, connection cables, cutting holes and chases holes in brick work, concrete and connecting cable with all accessories such as sockets connectors, conduit, cable, glands and boxes hardware clips fixing, soldering and jointing materials.</p> <p>(c) Rate shall include for necessary trenching, conduits, all necessary materials, cables, fittings and clips, cutting holes and chases in brick work and concrete work complete with all accessories such as sockets, connections, cable glands and boxes hardware clips, soldering and jointing materials etc., for proper installing and laying of cables</p> <p>All materials, equipment wiring and workmanship shall confirm to local codes and specification, B.S.standards/latest I.E.E. regulations and Ceylon Electriciv Board Specifications.</p> <p>Rate for external lighting system shall include all materials suitable for external purpose as per specifications.</p>				
	To Collection		Rs.		-

PROPOSED REFURBISHMENT OF 'CENTRE FOR MEDIA DEVELOPMENT' BUILDING

BILL NO. 3

**WATER PROOFING, RE-TILING AND RELATED WORK FOR ROOF TERRACE AND
REPAIRING OF WATER TANK STRUCTURE**

Item	Description	Qty.	Unit	Rate	Amount Rs.
	ELECTRICAL INSTALLATION (CONT'D)				
	<u>Point Wiring</u>				
	Rates for point wiring shall include for all cables, switches (1 or 2 way as necessary) junction boxes, conduits, pull boxes, clips, earth cables, draw wires, wiring accessories, screws, nails, hardware, fixing and insulating materials, cutting holes, chases, make good the same in all trades, holders, ceiling boxes, flexible codes and any other wiring accessories require up to the final fixing point where ever necessary and complete with a holder and bulb				
A	Wall mounted light point on parapet wall	22	nr		-
	<u>Light Fittings</u>				
B	Rates shall include for fixing all complete to working order including all necessary accessories etc.				
C	Wall mounted light	22	nr		-
	To Collection		Rs.		-

PROPOSED REFURBISHMENT OF 'CENTRE FOR MEDIA DEVELOPMENT' BUILDING

BILL NO. 3

WATER PROOFING, RE-TILING AND RELATED WORK FOR ROOF TERRACE AND REPAIRING OF WATER TANK STRUCTURE

Item	Description	Qty.	Unit	Rate	Amount Rs.
	<u>COLLECTION</u>				
	Page- 57				-
	Page- 58				-
	Page- 59				-
	Page- 60				-
	Page- 61				-
	Page- 62				-
	Page- 63				-
	Page- 64				-
	Page- 65				-
	Page- 66				-
	Page- 67				-
BILL NO. 03 -WATER PROOFING, RE-TILING AND ... Cont'd					
Total carried to General Summary			Rs.		-

**PROPOSED REFURBISHMENT OF 'CENTRE FOR MEDIA DEVELOPMENT' BUILDING
AT THE DEPARTMENT OF GOVERNMENT INFORMATION**

REFURBISHMENT OF PUBLIC TOILETS ON SECOND,THIRD AND FOURTH FLOORS BILL NO-04 -SUMMARY		
1	DEMOLITION WORK	SLRs.
2	CONCRETE WORK	SLRs.
3	ASPHALT WORK	SLRs.
4	FLOOR, WALL & CEILING FINISHES	SLRs.
5	PAINTING WORK	SLRs.
6	PLUMBING WORK / SANITARY INSTALLATIONS	SLRs.
7	DRAINAGE WORK	SLRs.
8	ELECTRICAL INSTALLATION	SLRs.
TOTAL FOR Refurbishment of Public Toilets Bill No-04 CARRIED TO GRAND SUMMARY		SLRs.
		-

PROPOSED REFURBISHMENT OF 'CENTRE FOR MEDIA DEVELOPMENT' BUILDING

BILL NO. 04

REFURBISHMENT OF PUBLIC TOILETS ON SECOND,THIRD AND FOURTH FLOORS

Item	Description	Qty.	Unit	Rate	Amount	Rs.
	<p><u>Note- Before commencing work , it is required to inspect and find out the cause for leaking water along walls and the items of work to be carried out. However bidders are instructed to quote for following all items of work</u></p>					
1	<p>DEMOLITION WORK</p> <p>Rates shall include for equipment's ,plants for demolition work, cleaning , safety covering , net etc.</p> <p>Carefully removing of existing floor and wall tiles (up to 1' from floor level) including tile bed on toilet area to received ft waterproofing work , rate shall include necessary hoist equipments , scaffolding, safety nets and machineries including collecting / stacking debris</p>					
A	Second floor	60	m2			-
B	Third floor	60	m2			-
C	Fourth floor	60	m2			-
D	Removing derbies from the site		Item			-
E	Carefully removing all bathroom fittings , accessoiries and all to re use (for 2nd, 3rd & 4th floor)		Item			-
	TOTAL FOR DEMOLITION WORK CARRIED TO SUMMARY					-

PROPOSED REFURBISHMENT OF 'CENTRE FOR MEDIA DEVELOPMENT' BUILDING

BILL NO. 04

REFURBISHMENT OF PUBLIC TOILETS ON SECOND,THIRD AND FOURTH FLOORS

Item	Description	Qty.	Unit	Rate	Amount	Rs.
2	<p>CONCRETE WORK</p> <p>The Contractors are requested to refer Bills of Quantities, General Notes, Pricing Preambles, Drawings, Specifications, Conditions of Contract, Special, Conditions of contracts and other relevant documents prior to pricing of this section of work. Documents prior to pricing of this section of work</p> <p>All concrete works shall comply to the specifications, filled into formwork and well consolidated around reinforcement by vibration.</p> <p>Rates shall include for plant for mixing, handling, hoisting, depositing, compacting, vibrating, curing, making good after removal of formwork and for any tests as necessary.</p> <p>All cement and reinforcement steel to be an approved make and manufacturer.</p> <p><u>Reinforced concrete (grade 25)</u></p> <p>Mass Concrete bed on toilet floor to maintain level drop as per the approval of the Architect</p>		Note			
			Note			
			Note			
			Note			
A	Second floor	12	m3			-
B	Third floor	12	m3			-
C	Fourth floor	12	m3			-
	TOTAL FOR CONCRETE WORK CARRIED TO SUMMARY					-

PROPOSED REFURBISHMENT OF 'CENTRE FOR MEDIA DEVELOPMENT' BUILDING

BILL NO. 04

REFURBISHMENT OF PUBLIC TOILETS ON SECOND,THIRD AND FOURTH FLOORS

Item	Description	Qty.	Unit	Rate	Amount	Rs.
3	ASPHALT WORK (WATER PROOFING) The Contractors are requested to refer Bills of Quantities, General Notes, Pricing Preambles, Drawings, Specifications, Conditions of Contract, Special, Conditions of contracts and other relevant documents prior to pricing of this section of work. Documents prior to pricing of this section of work Rate shall include Clean with wire brush where necessary the concrete surface and remove dust, etc.,. Prepare the concrete surface to receive the treatment Contractor shall submit ten years guarantee for water proofing material and workmanship through his specialist sub contractor in the name of the Employer in an acceptable format		Note			
A	Cleaning surface of bathroom slab to received new waterproofing treatment (for 2nd, 3rd & 4th floor) form 25 x 25 mm angel fillets for all right angel edge with waterproofing mortar as directed by the Engineer		Item			-
B	Second floor	50	m			-
C	Third floor	50	m			-
D	Fourth floor	50	m			-
	Prepare wall surface to received waterproofing system according to manufacture's details including removing existing plaster area up to 300 mm high					
E	Second floor	16	m2			-
F	Third floor	16	m2			-
G	Fourth floor	16	m2			-
	To Collection		Rs.			-

PROPOSED REFURBISHMENT OF 'CENTRE FOR MEDIA DEVELOPMENT' BUILDING

BILL NO. 04

REFURBISHMENT OF PUBLIC TOILETS ON SECOND,THIRD AND FOURTH FLOORS

Item	Description	Qty.	Unit	Rate	Amount	Rs.
3	ASPHALT WORK (WATER PROOFING) (Cont'd)					
	plastering work to wall surface to received waterproofing with cement sand mortar on walls					
A	Second floor	16	m2			-
B	Third floor	16	m2			-
C	Fourth floor	16	m2			-
	<u>Apply 02 coats of (Masterseal 540) waterproofing system according to manufacture's specifications including reinforced all horizontal intersections with waterproof chemical all as per manufacture's specification</u>					
A	Second floor	50	m2			-
B	Third floor	50	m2			-
C	Fourth floor	50	m2			-
	To Collection		Rs.			-
	<u>Collection</u>					
	Page -72					-
	Page -73					-

PROPOSED REFURBISHMENT OF 'CENTRE FOR MEDIA DEVELOPMENT' BUILDING

BILL NO. 04

REFURBISHMENT OF PUBLIC TOILETS ON SECOND,THIRD AND FOURTH FLOORS

Item	Description	Qty.	Unit	Rate	Amount	Rs.
	TOTAL FOR ASPHALT WORK (WATER PROOFING) CARRIED TO SUMMARY					-
4	<p>FLOOR, WALL & CEILING FINISHES</p> <p>The Contractors are requested to refer Bills of Quantities, General Notes, Pricing Preambles, Drawings, Specifications, Conditions of Contract, Special, Conditions of contracts and other relevant documents prior to pricing of this section of work.documents prior to pricing of this section of work.</p> <p>All the tile joints to be filled in with coloured cement mortar 1:2 mix to match the colour of the tiles</p> <p>Rate shall include for all tile specials such as corners edges etc.,</p> <p>Rate for plastering shall include for providing expanded metal lath at different surfaces to avoid cracks</p> <p>Plaster of door window reveals not measured separately. Rate shall include for the above cost</p> <p>Consultant and client can be awarded these specialist finishes to a nominated sub contractor</p> <p><u>Floor Finishes</u></p> <p>Supplying & laying of size 600 x 600mm size matt finished ceramic floor tile, approval of manufacture, texture and colour will be decided by the Architect. Set in 18mm thk. cement sand mortar 1:3 bedding with 3mm joints, pointed with and approved grout mix (Tile cost per ft² 350/-),</p>		Note			
A	Second floor	50	m2			-
B	Third floor	50	m2			-
C	Fourth floor	50	m2			-
	To Collection		Rs.			-

PROPOSED REFURBISHMENT OF 'CENTRE FOR MEDIA DEVELOPMENT' BUILDING

BILL NO. 04

REFURBISHMENT OF PUBLIC TOILETS ON SECOND,THIRD AND FOURTH FLOORS

Item	Description	Qty.	Unit	Rate	Amount	Rs.
4	FLOOR, WALL & CEILING FINISHES (CONT'D)					
	<u>Wall finishes</u>					
	Supplying & laying of glazed finished ceramic wall tile, approval of manufacture, texture and colour will be decided by the Architect. Set on tile on tile with 3mm joints, pointed with and approved grout mix (Tile cost per ft ² 350/-),					
A	Second floor	16	m2			-
B	Third floor	16	m2			-
C	Fourth floor	16	m2			-
	<u>Ceiling finishes</u>					
	1) The Tenderers are advised to refer the "Conditions of contract, Pricing Preambles, Drawings and Specification of the works" prior to pricing of this section of work					
	2) The rate shall include for necessary bulk head, moldings, cornices, wood fret panels, carved feature elements , special lighting and the like, Hardwood false ceiling framework with birch ply backing necessary fixed to concrete soffit with galvanized steel hanging arrangement etc.					
	3) The contractor should submit ceiling shop drawings and get approval of the Engineer/Architect prior to the execution of the ceiling work					
	Supply and fixing of moisture proofing gypsum board ceiling with prepaid surface and apply prime and emulsion emulsion dulux paint or equivalent as shown on drawings, specification and to the approval of the Engineer/Architect					
D	Second floor	40	m2			-
	To Collection		Rs.			-

PROPOSED REFURBISHMENT OF 'CENTRE FOR MEDIA DEVELOPMENT' BUILDING

BILL NO. 04

REFURBISHMENT OF PUBLIC TOILETS ON SECOND,THIRD AND FOURTH FLOORS

Item	Description	Qty.	Unit	Rate	Amount	Rs.
4	FLOOR, WALL & CEILING FINISHES (CONT'D)					
	<u>Ceiling finishes (Cont'd)</u>					
	Supply and fixing of moisture proofing gypsum board ceiling with prepaid surface and apply prime and (cont'd)...					
A	Third floor	40	m2			-
B	Fourth floor	40	m2			-
	To Collection		Rs.			-
	<u>Collection</u>					
	Page -74					-
	Page -75					-
	Page -76					-
	TOTAL FOR FLOOR, WALL & CEILING FINISHES CARRIED TO SUMMARY					-

PROPOSED REFURBISHMENT OF 'CENTRE FOR MEDIA DEVELOPMENT' BUILDING

BILL NO. 04

REFURBISHMENT OF PUBLIC TOILETS ON SECOND,THIRD AND FOURTH FLOORS

Item	Description	Qty.	Unit	Rate	Amount Rs.
5	<p>PAINTING WORK</p> <p>The Contractors are requested to refer Bills of Quantities, General Notes, Pricing Preambles, Drawings, Specifications, Conditions of Contract, Special, Conditions of contracts and other relevant documents prior to pricing of this section of work.documents prior to pricing of this section of work.</p> <p>Rate for painting to plastered areas shall include for painting to reveals.</p> <p>Rate shall include for all preparation of surfaces, cleaning , smooth, protection and cleaning of surface</p> <p>Sample approval should be obtained from Architect prior to start work.</p> <p><u>Internal</u></p> <p>Prepare and apply one coat of approved colour and quality primer and two coats of waterproof paint and three coats of emulsion paint to the standard Colour and manufacturer's specifications</p>		Note		
A	Second floor	60	m2		-
B	Third floor	60	m2		-
C	Fourth floor	60	m2		-
	TOTAL FOR PAINTING WORK CARRIED TO SUMMARY		Rs.		-

PROPOSED REFURBISHMENT OF 'CENTRE FOR MEDIA DEVELOPMENT' BUILDING

BILL NO. 04

REFURBISHMENT OF PUBLIC TOILETS ON SECOND,THIRD AND FOURTH FLOORS

Item	Description	Qty.	Unit	Rate	Amount	Rs.
6	<p>PLUMBING WORK</p> <p>Contractors are requested to refer Bill of Quantities, General Notes, Pricing Preambles, Drawings, Specifications, Conditions of contract and other relevant documents prior to pricing of this section of work.</p> <p>Rate shall include for insurance during handling, rehandling, transport, storage, delivery to the point of installation and until handing over.</p> <p>The tenderer shall submit the "Make', " Technical data" information's on the items /equipments/ fittings quoted for together with the tender.</p> <p>All pipes to be fixed to the soffit with necessary fixing accessories and pipe supports hangers etc. to the hot dipped galvanized finish to the approval of the Consultant.</p> <p>All pipes to be fixed with necessary fixing accessories and pipe supports hangers etc. (If required) to be hot dipped galvanized finish to the approval of the Consultant.</p> <p>All cold water pipes to be type 1000u. P.V.C and fittings to be in molded type.</p>					
A	40mm diameter PVC type 1000 with accessories	35	m			-
B	32mm diameter PVC type 1000 with accessories	40	m			-
C	25mm diameter PVC type 1000 with accessories	25	m			-
D	20mm diameter PVC type 1000 with accessories	25	m			-
E	Allow sum for Isolating valves with valve sockets		Item			-
	To Collection		Rs.			-

PROPOSED REFURBISHMENT OF 'CENTRE FOR MEDIA DEVELOPMENT' BUILDING

BILL NO. 04

REFURBISHMENT OF PUBLIC TOILETS ON SECOND,THIRD AND FOURTH FLOORS

Item	Description	Qty.	Unit	Rate	Amount	Rs.
6	<p>PLUMBING WORK (Cont'd)</p> <p><u>Sanitary Fittings</u></p> <p>Cold water supply pipes to all WC cisterns, washbasins, sinks etc., shall be provided with approved quality angle valves and flexible hose. And these items shall measured with relavents toilet fittings</p> <p>Sanitary fittings and Accessories to be supplied by client. Rate for fixing only.</p> <p>All control valves etc., shall be Hattersly, Crane, Pegler or equivalent make to the approval of the Consultant.</p> <p>For the following sanitary fittings, rate shall include for supply, fixing, water connection, waste water connection all complete to working order. Rates for all sanitary fittings fixing shall include all necessary fixing accessories and complete with connection to working order.</p> <p>Supplying, fixing and connecting into service vanity basin, in selected colour complete with chromium plated brass pillar tap, strainer waste with rubber waste plug with bead chin, all of approved quality and other necessary fitting. Rate to include for fixing, placing all pipe work & fittings chrome plated 12mm (1/2") dia. angle valve and stainless steel flexible coupling of approved quality, supports, brackets and all necessary pipe work and fittings, complete to working order. (PC 25 000/-)</p>					
			Note			
			Note			
			Note			
			Note			
A	Second floor	6	Nrs			-
B	Third floor	6	Nrs			-
C	Fourth floor	6	Nrs			-
	To Collection		Rs.			-

PROPOSED REFURBISHMENT OF 'CENTRE FOR MEDIA DEVELOPMENT' BUILDING

BILL NO. 04

REFURBISHMENT OF PUBLIC TOILETS ON SECOND,THIRD AND FOURTH FLOORS

Item	Description	Qty.	Unit	Rate	Amount	Rs.
6	PLUMBING WORK (Cont'd)					
	<u>Sanitary Fittings (Cont'd)</u>					
	Supply and fixing of Urinals including all relevant plumbing work and all accessories to complete work as per the approval of the Architect					
A	Second floor	3	Nrs			-
B	Third floor	3	Nrs			-
C	Fourth floor	3	Nrs			-
	Refixing and connecting into service low level W.C with cistern, spray tap and fittings, double plastic seat cover and "P" trap with horizontal outlet, include for , fixing, placing all pipe work & fittings, chrome plated 12mm (1/2") dia. angle valve and stainless steel flexible coupling of approved quality, supports, brackets and all necessary pipe work and fittings, complete to working order					
D	Second floor	5	Nrs			-
E	Third floor	5	Nrs			-
F	Fourth floor	5	Nrs			-
	To Collection		Rs.			-
	<u>Collection</u>					
	Page -78					-
	Page -79					-
	Page -80					-
	TOTAL FOR PLUMBING WORK CARRIED TO SUMMARY		Rs.			-

PROPOSED REFURBISHMENT OF 'CENTRE FOR MEDIA DEVELOPMENT' BUILDING

BILL NO. 04

REFURBISHMENT OF PUBLIC TOILETS ON SECOND,THIRD AND FOURTH FLOORS

Item	Description	Qty.	Unit	Rate	Amount	Rs.
7	DRAINAGE WORK The Contractors are requested to refer Bills of Quantities, General Notes, Pricing Preambles, Drawings, Specifications, Conditions of Contract, Special, Conditions of contracts and other relevant documents prior to pricing of this section of work.documents prior to pricing of this section of work.					
	<u>Manholes</u>					
A	400 mm x 400 mm stormwater manholes including excavation, backfilling, 4" thick grade 25 reinforced concrete in base slab and wall with necessary reinforcement and form work with cement, sand 1:3 smooth rendering / Bituminous application at invert level (on base concrete) to maintain the water flow. And complete with RCC manhole cover including forming benching hunching to complete with all connections to working order.	4	nr			-
	<u>Waste Water Pipes</u>					
	All storm / waste pipes to be approved quality type 600 upvc or equivalent all fittings to be of moulded fittings.					
B	110mm diameter PVC type 600 with accessories	40	m			-
C	63mm diameter PVC type 600 with accessories	50	m			-
D	50mm diameter PVC type 600 with accessories	30	m			-
	TOTAL FOR DRAINAGE WORK CARRIED TO SUMMARY		Rs.			-

PROPOSED REFURBISHMENT OF 'CENTRE FOR MEDIA DEVELOPMENT' BUILDING

BILL NO. 04

REFURBISHMENT OF PUBLIC TOILETS ON SECOND, THIRD AND FOURTH FLOORS

Item	Description	Qty.	Unit	Rate	Amount Rs.
8	<p>ELECTRICAL INSTALLATION</p> <p>The Contractors are requested to refer Bills of Quantities, General Notes, Pricing Preambles, Drawings, Specifications, Conditions of Contract, Special, Conditions of contracts and other relevant documents prior to pricing of this section of work.documents prior to pricing of this section of work.</p> <p>All electrical fittings shall be of best quality approved fittings. All switches, socket outlets etc., shall be Clipsal, ABB or equivalent. All MCCB, MCB, RCCB, etc., shall be approved European/ Japanese makes.</p> <p>Rates shall include for:</p> <p>(a) Supply, installing, testing and commissioning of the system for power and lighting. All complete to working order and to the entire satisfaction of the Consultant and the relevant Authorities.</p> <p>(b) Cutting, trimming, dressing, connection cables, cutting holes and chases holes in brick work, concrete and connecting cable with all accessories such as sockets connectors, conduit, cable, glands and boxes hardware clips fixing, soldering and jointing materials.</p> <p>(c) Rate shall include for necessary trenching, conduits, all necessary materials, cables, fittings and clips, cutting holes and chases in brick work and concrete work complete with all accessories such as sockets, connections, cable glands and boxes hardware clips, soldering and jointing materials etc., for proper installing and laying of cables</p> <p>All materials, equipment wiring and workmanship shall confirm to local codes and specification, B.S.standards/latest I.E.E. regulations and Ceylon Electricity Board Specifications.</p> <p>Rate for external lighting system shall include all materials suitable for external purpose as per specifications.</p>				
	To Collection		Rs.		-

PROPOSED REFURBISHMENT OF 'CENTRE FOR MEDIA DEVELOPMENT' BUILDING

BILL NO. 04

REFURBISHMENT OF PUBLIC TOILETS ON SECOND,THIRD AND FOURTH FLOORS

Item	Description	Qty.	Unit	Rate	Amount	Rs.
8	ELECTRICAL INSTALLATION (CONT'D)					
	<u>Point Wiring</u>					
	Rates for point wiring shall include for all cables, switches junction boxes, conduits, pull boxes, clips, earth cables, draw wires, wiring accessories, screws, nails, hardware, fixing and insulating materials, cutting holes, chases, make good the same in all trades, holders, ceiling boxes, flexible codes and any other wiring accessories require up to the final fixing point where ever necessary and complete with a holder and bulb.					
	<u>Ceiling mounted light point</u>					
A	Second floor	22	nr			-
B	Third floor	22	nr			-
C	Fourth floor	22	nr			-
	<u>Light Fittings</u>					
	Rates shall include for fixing all complete to working order including all necessary accessories etc.					
	<u>Ceiling mounted light</u>					
D	Second floor	22	nr			-
E	Third floor	22	nr			-
F	Fourth floor	22	nr			-
	TOTAL FOR ELECTRICAL INSTALLATION CARRIED TO SUMMARY		Rs.			-

PROPOSED REFURBISHMENT OF 'CENTRE FOR MEDIA DEVELOPMENT' BUILDING AT THE DEPARTMENT OF GOVERNMENT INFORMATION					BILL NO. 5 PROVISIONAL SUMS
Item	Description	Qty.	Unit	Rate	Amount Rs.
	<u>PROVISIONAL SUMS</u>				
	Allow the following Provisional Sums to be expended as directed by the Engineer or deducted in whole or in part if not required:-				
A	Contingencies	P. Sum			1,250,000.00
B	Allow provision for day work (Labour, Material and machinaries)	P. Sum			550,000.00
C	Allow for supply and laying of new conduit to received new electrical point wiring (Measured separately) in future development as per drawings and to the approval of the Architect , rate shall including related cutting, drilling and rectified of existing concrete and brick/block wall , repair wall/ floor surface	P. Sum			50,000.00
D	Allow for supply and fixing of stainless steel anchoring rods to received base plates (Measured separately) in future development as per drawings and to the approval of the Architect/ Engineer , rate shall including all necessary ancillary work to complete work	P. Sum			300,000.00
	<u>BILL NO. 5 -PROVISIONAL SUMS</u>				
	Total Carried to General Summary			Rs.	2,150,000.00