



**UVA WELLASSA UNIVERSITY**  
**PASSARA ROAD**  
**BADULLA**

**INVITATION FOR BIDS**  
**FOR**  
**OPEN - AIR MULTI - PURPOSE CENTRE (MPC) FOR**  
**UVA WELLASSA UNIVERCITY**  
**(UWU/CW/NS/24/21)**

## **BID DOCUMENT**

**Bidder's Name** : .....

**Address** : .....

.....

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## Invitation for Bids (IFB)

30.10.2024

Vice Chancellor

Uva Wellassa University,

Passara Road,

Badulla

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**OPEN - AIR MULTI - PURPOSE CENTRE (MPC) FOR  
UVA WELLASSA UNIVERCITY**

**Contract No: - UWU/CW/NS/24/21**

**FUNDED - BY :- SOLIDARIDAD NETWORK ASIA**

1. The **Chairman, Department Procurement Committee** on behalf of the Uva Wellassa University, invites sealed bids from eligible and qualified bidders for **Open - Air Multi - Purpose Centre (MPC) Uva Wellassa University** as described below.  
Scope of work includes laying of Civil works. Contract period is **90 Days**.
2. Bidding will be conducted through **National Shopping** Bidding Procedure.
3. To be eligible for contract award, the successful bidder shall not have been blacklisted and shall meet the **C6 or C5 CIDA** registration specializes in buildings as per the Public Finance Circulars. Please note that the latest public finance circular issued by the closing date of bids and the section- 5 of the bid document will be considered for the evaluation of bids.
4. Interested bidders may obtain further information from **Deputy Registrar / Capital works Division of Uva Wellassa University, Badulla** and inspect the bidding documents at the address given below from **9.00 AM to 4.00 PM on Weekdays except public holidays**
5. A complete set of Bidding Documents in English language may be purchased by interested bidders on the submission of a written application to the **Deputy Registrar / Capital Works Division** from **30/10/2024 to 07/11/2024** during 09.00 am to 03.00pm upon payment of a non-refundable fee of Rs. **500.00**. The method of payment will be in **cash deposited to Shroff counter of Uva Wellassa University**
6. Bids shall be delivered to the address below on or before **10.00 am on 08/11/2024**. Late bids will be rejected. Bids will be opened soon after closing in the presence of the bidders' representatives who choose to attend.



7. All bids shall be accompanied by a **valid bid bond of Rs.225,000.00 from a bank approved by the Central Bank of Sri Lanka or by a valid insurance bond or cash deposit to the University Shroff counter will also be accepted.** (Bidder shall submit the original insurance bond or /original receipt received from Shroff counter)
8. **Bids Shall be Valid up to 04/12/2024**
9. **Condition of Contract – SBD III Volume I Second edition January 2007 and proceeding amendments**
10. A pre-bid meeting and site visit is scheduled to be held **at 3.00 pm on 04/11/2024** at the Mini Boardroom Senate Building of the university.
11. The bidder shall be noticed that, the works of the project will be supervised by the university and upon the submission of payment certificate with the recommendation by the university, the Funder "Solidaridad Network Asia" (under the European Union funded DeREC project – Developing Resources and Empowering Communities (DeREC) for Improved Food Security and Enhanced Nature & Community – focused Tourism.) will effect the payment subject to verification and certification of the bills. Accordingly, the 3 partners, The Employer, Funder & the Contractor shall be entered in to a party agreement before the commencement of the work. This will be in accordance with the MoU signed by the university and the Funder.

**Address of the funder ;**

Anitha Munasinghe,  
Country Manager,  
Solidaridad Network Asia,  
115/20 Alwis Town,  
Handala,  
Wattala.

**E mail ;**

[anitha.munasinghe@solidaridadnetwork.org](mailto:anitha.munasinghe@solidaridadnetwork.org)

12. The letter of Award will be issued by the Funder and the contract agreement will be done between the Solidaridad Network Asia and the Contractor.



Deputy Registrar  
Capital Works Division

Fax: -0552226441

Tel: -0553050844

**FORM OF BID****OPEN - AIR MULTI - PURPOSE CENTRE (MPC) FOR  
UVA WELLASSA UNIVERSITY****Contract No: - UWU/CW/NS/24/21  
Funder by the Solidaridad Network Asia**

Uva Wellassa University  
Passara Road  
Badulla

Sir,

1. Having examined the Standard Bidding Document - Procurement of Works - Minor Contracts [ICTAD/ SBD/ 03 - Second Edition, January 2007], Schedule, Specifications, Drawings and Bills of Quantities and addenda for the execution of the above-named Works, we/I the undersigned, offer to execute and complete such Works and remedy any defect therein in conformity with the aforesaid Conditions of Contract, Schedule, Specifications, Drawings, Bill 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/I acknowledge that the Schedule forms part of our Bid.
3. We/I undertake, if our Bid is accepted, to commence the Works as stipulated in the Schedule, and to complete the whole of the Works comprised in the Contract within the time stated in the Schedule.
4. We/I 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/me.
6. We/I understand that you are not bound to accept the lowest or any Bid you may receive.

Dated this ..... day of ..... 20..... in the capacity of ..... duly authorized to sign  
tenders for and on behalf of .....  
(IN BLOCK CAPITALS)

Signature : .....

Address : .....

Witness : .....



## Qualification Information

(to be completed by the bidder and submitted with the Bid)

	Eligibility Requirement	Bidder's Qualification
<b>Registration</b>		
Registration number	CIDA	
Grade	C6 or C5 in buildings	
Expiry Date	Specify if any	
<b>Backlisted Contractors</b>		
Have you been declared as a defaulted contractor by NPA or any other Agency?		Yes/No
IF yes provide details		
<b>VAT Registration Number</b>		
<b>Construction Program</b>	(attach as annex)	
<b>Legal status</b>	Public company/Private Company/Partnership/Sole proprietor	
	<b>Eligibility Requirement</b>	<b>Bidder's Qualification</b>
<b>Qualification and experience of key staff</b>	Category, Experience and Qualifications (Insert requirement) *	Required Nos.*
<b>NCT / NDCT equivalent qualified Technical Officer</b>	<b>1 Qualified Technical Officer</b>	<b>01</b>
	2	
	3	
<b>List other information required</b>		
<b>Past Experience</b>	<b>Experience in civil works above Rs: 15.0 Mn</b>	

Signature of the Bidder : .....

**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:** Vice Chancellor, Uva Wellassa University, Passara Road, Badulla

**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 **[Open – Air Multi – Purpose Centre (MPC) Uva Wellassa University]** under **Invitation for Bids No. UWU/CW/NS/24/21**

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 withdrawn 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 the earlier of (i) the successful bidder furnishing the performance security, 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)]*



**FORM OF BID SECURING DECLARATION**

*[If required, the **Bidder** shall fill in this form in accordance with the instructions indicated in brackets; \* delete as appropriate]*

Name of contract ----- *[insert name by PE]*

Contract Identification N°: ----- *[insert number by PE]*

Invitation for Bid No.: ----- *[insert number by PE]*

To: ----- *[insert the name of the Employer preferably PE to fill before issuing the bidding document]*

I/We, the undersigned, declare that:

1. I/We understand that, according to instructions to bidders (hereinafter “the ITB”), bids must be supported by a bid-securing declaration;
2. I/We\* accept that we shall be suspended from being eligible for contract award in any contract where bids have being invited by any of the Procuring Entity as defined in the Procurement Guidelines published by National Procurement Agency of Sri Lanka, for the period of time of *three years* starting on *the latest date set for closing of bids of this bid*, if I/We:
  - (a) with draw our Bid during the period of bid validity period specified; or
  - (b) do not accept the correction of errors in accordance with the Instructions to Bidders of the Bidding Documents; or
  - (c) having been notified of the acceptance of our Bid by you, during the period of bid validity, (i) fail or refuse to execute the Contract Form, if required, or (ii) fail or refuse to furnish the performance security, in accordance with the ITB.
3. I/We\* understand this bid securing shall expire if we are not the successful bidder, upon the earlier of (i) the successful bidder furnishing the performance security; or (ii) twenty-eight days after the expiration of our bid.

Signed .....

In the Capacity of .....

Name .....

Dated on .....day of. ....



## Schedule

ITB Clause	Conditions of Contract Clause	Item	Data
1.	1.1.8	Employer is :	Name : <b>Vice Chancellor</b> Address: <b>Uva Wellassa University,</b>  <b>2<sup>nd</sup> Mile Post</b> <b>Passara Road, Badulla</b>
	1.1.10	Engineer is:	Name : <b>Works Engineer</b> Address: <b>Uva Wellassa University,</b>  <b>2<sup>nd</sup> Mile Post</b> <b>Passara Road, Badulla</b>
1 & 13	1.1.21	Summary of Works	<b>The Work consists of: Civil work</b>  1. Contract Name: <b>Open - Air Multi - Purpose Centre (MPC) Uva Wellassa University</b>  Contract Number: <b>UWU/CW/NS/24/21</b> Intended Completion Date is <b>90 Days</b> from the Start Date The source of funds is <b>Solidaridad Network Sri Lanka</b> The requirement is; <ul style="list-style-type: none"> <li>• <b>shall be included in the list of registered suppliers of the university for 2024 in relevant trade</b></li> </ul>
1.	1.1.14	Intended Completion Date	
2.		Source of Funds	
3.		Eligibility	

12. Documents of the Bid      The bidder shall be noticed that, the works of the project will be supervised by the university and upon the submission of payment certificate with the recommendation by the university, the Funder "Solidaridad Network Asia" (under the European Union funded DeREC project – Developing Resources and Empowering Communities (DeREC) for Improved Food Security and Enhanced Nature & Community – focused Tourism.) will effect the payment subject to verification and certification of the bills. Accordingly, the 3 partners, The Employer, Funder & the Contractor shall be entered in to a party agreement before the commencement of the work. This will be in accordance with the MoU signed by the university and the Funder.

**Address of the funder ;**

Anitha Munasinghe,  
Country Manager,  
Solidaridad Network Asia,  
115/20 Alwis Town,  
Handala,  
Wattala.

**E mail ;**

[anitha.munasinghe@solidaridadnetwork.org](mailto:anitha.munasinghe@solidaridadnetwork.org)

- The letter of Award will be issued by the Funder and the contract agreement will be done between the Solidaridad Network Asia and the Contractor.
- Performance bond will need to be addressed to the name of Funder

13.      10.10      Price Adjustment      **Is not entitled**



16		Bid Security / Bid Securing Declaration	<p>Bid shall include a Bid Security/Insurance bond:</p> <p>for an amount <b>225,000.00</b> from a bank approved by the Central Bank of Sri Lanka or by cash deposit to the University Shroff counter will also be accepted.</p> <ul style="list-style-type: none"> <li>• issued by an agency acceptable to Employer using the form for bid security (unconditional guarantee) included in</li> <li>• Section 9, Standard Forms.</li> <li>• remain valid till .....<b>2024</b></li> <li>• <b>OR</b></li> <li>• Bid shall include a Bid-Securing Declaration using the form included in Section 9.”</li> </ul>
31.	4.4	Performance Security	<p>Amount of Performance Security required is <b>05 %</b> of the Initial Contract Price.</p> <p>The form acceptable is <b>from a bank approved by the Central Bank of Sri Lanka or by cash deposit to the University Shroff counter will also be accepted.</b></p>
	6.4	Late Completion	<p>The amount to be paid is <b>0.05%</b> of Initial Contract Price per Day, subjected to maximum of <b>5%</b> of Initial Contract Price.</p>
	8.1	Notification of Defects	<p>The period for Defect Notification is <b>360 Days</b> from Taking Over.</p>
	10.3	Retention	<p>The amount of retention is 10 % of certified work done in each bill</p> <p>The maximum amount of retention is 5 % of Initial Contract Price.</p>

ITB Clause	Conditions of Contract Clause	Item	Data
	10.12	Advance Payment	Upon the payment of the advance payment in full the Employer shall return the original of the advance payment guarantee to the Contractor.
	13.1 (c)	Insurance, third party	Minimum amount for third party insurance is Rupees .....
	13.1	Insurance for Contractor's Personnel	Minimum amount for Insurance for Contractor's Personnel is Rupees.....
33.	1.1.11	Adjudicator	Fees and types of reimbursable expenses to be paid to the Adjudicator shall be on a case-to-case basis and shall be shared by the Contractor and the Employer.
	14.0	Resolution of Disputes	



## SUMMARY SHEET

TOTAL SUMMARY	
TOTAL CONSTRUCTION COST	
DISCOUNT(If applicable)	
AFTER DISCOUNT IF ANY	
VAT 18%	
GRAND TOTAL	

Total amount in words (Without VAT)

.....  
.....  
.....

Total amount in words (With VAT) : .....

.....  
.....

.....  
Authorized signature of bidder (Official Seal)

**ESTABLISHMENT OF AN AMPHI -THEATRE**  
**TOTAL COST ESTIMATE**

**SUMMARY**

		<b>Amount Rs.</b>
Prelimineries	Rs.	445,000.00
Stage and services	Rs.	
Audience area	Rs.	
External Work	Rs.	
<b>Total cost</b>	<b>Rs.</b>	
VAT - 18%	Rs.	
<b>Total with VAT</b>	<b>Rs.</b>	
<b>Grand total</b>	<b>Rs.</b>	



# ESTABLISHMENT OF AN AMPHI -THEATRE

## SUMMARY

NO	DESCRIPTION	AMOUNT
	<b>PRELIMINARIES</b>	
A	PRELIMINARIES A01-A10	445,000.00
	<b>GRAND TOTAL - PRELIMINERIES</b>	<b>445,000.00</b>

	<b>STAGE AND SERVICE SPACES</b>	
B	EXCAVATION AND EARTH WORK	
C	CONCRETE	
D	FORM WORK	
E	REINFORCEMENT	
F	MASONARY WORK	
G	ALUMINIUM WORK	
H	PLASTERING	
J	PAINTING	
K	FLOORING	
L	ELECTRICAL WORKS	
M	WEATHER TROTS	
N	PLUMBING WORK	
P	PLUMBING FITTINGS	
Q	FIRE DETECTION AND PROTECTION	
R	METAL WORK	
S	AV TRACKS	
	<b>GRAND TOTAL - STAGE AND SERVICES</b>	

	<b>TIERS</b>	
A	TIER FRONT	
B	AUDIANCE AREA	
	<b>GRAND TOTAL - AUDIENCE</b>	

<b>TOTAL CONSTRUCTION COST</b>
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# ESTABLISHMENT OF AN AMPHI -THEATRE

## BILL OF QUANTITIES

### STAGE AND SERVICES SPACES

ITEM	DISCRIPTION	UNIT	QTY	RATE (Rs)	AMOUNT(Rs)
<b>A</b>	<b>PRELIMINARIES</b>				
	Note : Following items to be priced as appropriate.				
	<b>Insurance and Securities</b>				
A-1	Allow sum for Providing a Performance Security	Ps			100,000.00
A-2	Allow sum for providing an Advance Payment Security	Ps			30,000.00
A-3	Allow sum for contractor's all risk insurance for Works, Machinery & Equipment, Plant, Materials, third party persons & property and Employer's personnel & property at site as per the Contract.	Ps			100,000.00
A-4	Allow sum for insurance against accidents and injury to Contractor's personnel as per the Contract.	Ps			30,000.00
A-5	<b>Engineer's /Contractor's Facilities</b> Allow sum for constructing, maintaining, dismantling and removal on completion of the contractors work facilities, billute, sanitary facilities, any preparatory work for available temporary building for Contractor's site office, electricity and water connections (water and electricity will be provided by the Employer and the cost will be deducted from the contractor's bills), other facilities for Employer and Engineer for the supervision of the work such as safety wares, measurng devices, TS, TL etc.,	Ps			110,000.00
	<b>Quality, Standards and Progress</b>				



ITEM	DISCRIPTION	UNIT	QTY	RATE (Rs)	AMOUNT(Rs)
A-6	Allow lump sum for all cost in connection with testing materials/works, preparing samples for testing, making arrangements for testing of Materials, Goods etc, as stipulated in the specification, obtaining test reports and submitting the same to the Engineer.	Ps			10,000.00
	<b>Health, Safety and Environment</b>				
A-7	Allow lump sum for providing and maintaining first aid box and regular supply of medicine, linen etc.	Ps			25,000.00
A-8	Allow lump sum for providing all necessary safety measures to workmen at site conforming to the latest industrial safety regulations and as directed by the Engineer.	Ps			15,000.00
A-9	Allow lump sum for making adequate provision against air and noise pollution of surrounding areas. Hoarding and dust screens shall be provided to control dust escaping to surrounding areas.	Ps			10,000.00
	<b>Miscellaneous</b>				
A-10	Allow lump sum for providing and maintaining a name board to the specifications and / or as directed by the Engineer.	Ps			15,000.00
	<b>TOTAL CARRIED TO SUMMARY</b>				<b>445,000.00</b>
	<b>GROUND FLOOR</b>				
<b>B</b>	<b>EXCAVATION AND EARTH WORK</b>				
	<b>Site Preparation</b>				
B-01	Site clearing including removing all debris, small trees up to 0.5 m girth, vegetations including top soil up to 150 mm depth and dispose to suitable locations.	m <sup>3</sup>	30.00		
	<b>Excavation</b>				

ITEM	DISCRIPTION	UNIT	QTY	RATE (Rs)	AMOUNT(Rs)
	Earth excavation in any material except rock requiring blasting, part return fill rammed and well consolidated. All excavations to be protected from rain/storm water runoff falling into the same by suitable means. Unsuitable material shall dispose to approved locations				
	<b>Levelling the land</b>				
B-02	Levelling the land to required level	m <sup>3</sup>	270.00		
B-03	For footings	m <sup>3</sup>	2.75		
B-04	Excavation for foundation trench and for tie beams	m <sup>3</sup>	10.00		
	<b>Earth Filling</b>				
	Earth filling and compaction up to required level. Work shall be carried out as per specification.	note			
B05	Earth filling under floor with approved quality material and compacting in layers as directed by the Engineer. Soil Available at site	m <sup>3</sup>	12.50		
	<b>Gravel filling</b>				
B-06	Filling under coloum foundation by spreading, watering and compacting with approved quality earth in 75mm layers by manually as directed (earth available at site) - Compacted volume.	m <sup>3</sup>	rate only		
B-07	Allow provisional sum for unforceen work under ground including rock blasting, uprooting etc.,	Ps	1.00	35,000.00	35,000.00
	<b>Anti termite Treatment</b>				



ITEM	DISCRIPTION	UNIT	QTY	RATE (Rs)	AMOUNT(Rs)
B-08	Anti termite treatment for ground floor area of the building according to the manufacturers specificifications by a specialist pest control service provider approved by the engineer. 10 year warranty for material and workmanship from the date of handing over the work shall be provided including transport	m <sup>2</sup>	rate only		
	<b>TOTAL CARRIED TO SUMMARY</b>				
<b>C</b>	<b>CONCRETE</b>				
	<p>The Contractor shall refer the followings prior to pricing the items in this trade.</p> <p>a. All relevant drawings</p> <p>b. Specifications</p> <p>c. Pricing preambles</p> <p>d. Location</p> <p>All concrete shall be made dense with a vibrator. Rate shall include for plant for mixing , handling, hoisting, depositing, compacting ,vibrating and curing making good after removal of form work and for any tests when necessary.</p> <p>OPC cement complied with relevent Sri Lanka standards and approved by Engineer shall be used.</p> <p>Rate shall include for mixing, placing, compacting with porker vibrator, levelling and curing.</p> <p><b>Plain in-situ Grade15 Concrete</b></p>	<p>note</p> <p>note</p> <p>note</p>			
C-01	Under footing base	m <sup>3</sup>	0.90		
C-02	Under foundation Strips	m <sup>3</sup>	0.65		
	<b>Reinforced in-situ Grade 25 concrete (R/F paid seperately) foundation level to roof level</b>				
C-03	Column footings	m <sup>3</sup>	2.25		
C-04	Column shaft	m <sup>3</sup>	2.40		



ITEM	DISCRIPTION	UNIT	QTY	RATE (Rs)	AMOUNT(Rs)
C-05	Plinth beams	m <sup>3</sup>	3.30		
C-06	Floor concrete	m <sup>3</sup>	6.05		
C-07	Front steps	m <sup>3</sup>	0.75		
	<b>Lintels</b>				
C-08	<b>112x150mm Lintels</b> in 1:2:4(20mm) cement concrete including formwork Reinforcement will be paid separately).	m	22.00		
C-09	Grade 20 concrete 225x150mm size R.C.C. lintels. Rate shall include for form work, concrete work( Reinforcement will be paid separately).	m	2.40		
	<b>Sill beams &amp; Stiffeners</b>				
C-10	<b>112x75mm Window sill</b> in 1:2:4(20mm) cement concrete including formwork ( Reinforcement will be paid separately).	m	2.00		
C-11	<b>112x150mm stiffness columns</b> in 1:2:4(20mm) cement concrete including formwork (Reinforcement will be paid separately).	m	27.00		
	<b>Pavement with Drain</b>				
C-12	<b>900mm wide ramp</b> in 1:3:6(25mm) concrete with 75mm thick base and side walls inclusive of 20mm thick cement rendering in 1:3 cement sand mix. Rate shall include necessary expansion joints, formwork and excavation.	m	13.00		

ITEM	DISCRIPTION	UNIT	QTY	RATE (Rs)	AMOUNT(Rs)
C-13	<b>300 mm wide concrete drains without ramp</b> in 1:3:6(25mm) concrete with 225mm to 300mm average depth, 75mm thick base and side walls inclusive of 20mm thick cement rendering in 1:3 cement sand mix. Rate shall include necessary expansion joints, formwork and excavation.	m	35.00		
C-14	Mixing, placing, vibrating and curing Grade 25 concrete in <b>beams</b> (Machine mixing).	m <sup>3</sup>	3.35		
C-15	Mixing, placing, vibrating and curing Grade 25 concrete in <b>slabs</b> (Machine mixing).	m <sup>3</sup>	11.85		
C-16	Stairways and landing slab/ slab extension at floor levels	m <sup>3</sup>	3.60		
C-17	<b>75mm thk concrete in 1:2:4(20mm)</b> cement concrete for work tops	m <sup>3</sup>	0.40		
<b>TOTAL CARRIED TO SUMMARY</b>					
<b>D</b>	<b>FORM WORK</b>				
	Form work shall be provided with adequate struts, braces, ties, clamps and the like so as to maintain the demensions, lines and levels shown in the drawings during the entire operation of placing and compacting the concrete and to prevent any sagging under the weight of wet concrete including any other supper imposed loads which would be subjected to during construction.	note			
	<b>Up to stage deck</b>				
D-01	Column footings	m <sup>2</sup>	13.00		
D-02	Column shaft	m <sup>2</sup>	41.00		



ITEM	DISCRIPTION	UNIT	QTY	RATE (Rs)	AMOUNT(Rs)
D-03	Plinth beams	m <sup>2</sup>	23.50		
D-04	Floor steps	m <sup>2</sup>	5.40		
D-05	Supplying, fabricating, fixing and removing formwork using <b>15 mm thick plywood sheets for Beams.</b>	m <sup>2</sup>	50.00		
D-06	Supplying, fabricating, fixing and removing formwork using <b>15 mm thick plywood sheets for Slabs.</b>	m <sup>2</sup>	91.00		
D-07	Supplying, fabricating, fixing and removing formwork using <b>15 mm thick plywood sheets for Stair Cases.</b>	m <sup>2</sup>	35.00		
D-08	Supplying, fabricating, fixing and removing formwork using <b>18 mm thick plywood sheets for worktops</b>	m <sup>2</sup>	5.50		
<b>TOTAL CARRIED TO SUMMARY</b>					
<b>E</b>	<b>REINFORCEMENT</b>				
	Steel bar reinforcement cut, bend, place and tie in position as reinforcement to RCC work.Tor Steel characteristic strength 460 N/mm2 and Mild Steel characteristic strength 250 N/mm2 to be used as reinforcement to RCC works.	note			
	Rates shall be included for cutting, bending, fabricating, placing in position, holding and temporary fixing supports. Ex:chairs, benches, stools, spaces, ties, hangers and binding wires.	note			
	Supplying, cutting, bending, laying and binding (with 16 BWG binding wires) Tor Steel Reinforcement to slabs, beams, lintels, columns, stair cases, etc.				
	<b>Up to 1st floor level</b>				
E-01	Column footing	kg	205.00		



ITEM	DISCRIPTION	UNIT	QTY	RATE (Rs)	AMOUNT(Rs)
E-02	Column shaft	kg	205.00		
E-03	Plinth beams	kg	285.00		
E-04	lintols	kg	90.00		
E-05	Window sills	kg	4.00		
E-06	front steps	kg	10.00		
E-07	Stage beams	kg	555.00		
E-08	Stage deck	kg	950.00		
E-09	Supplying, cutting, bending, laying and binding (with 16 BWG binding wires) Mild Steel Reinforcement to slabs, beams, lintels, columns, stair cases, etc. Mild Steel	kg	195.00		
E-10	counter slabs/ work tops -with Tor Steel	kg	28.00		
<b>TOTAL CARRIED TO SUMMARY</b>					
<b>F</b>	<b>MASONARY WORK</b>				
	The Contractor shall refer Drawings, Specifications, Pricing preambles, and other relevant documents prior to pricing of this section of work.				
	Rates for masonry works shall include for plun	Note			
	Rate shall include for all necessary types of scaffolding whether specified separately or not.	Note			
	External surfaces of brick work shall complete to a levelled & even surface to receive cladding frame work without any plastering work to walls.	Note			
	<b>Random Rubble masonry work</b>				
F-01	Random rubble masonry work in cement sand mortar 1:5 in wall foundations.	m <sup>3</sup>	38.00		

ITEM	DISCRIPTION	UNIT	QTY	RATE (Rs)	AMOUNT(Rs)
F-02	<b>D.P.C</b> Damp proof course in cement and sand 1:3, 3/4" thick finished with two coats of D.P.C. Bituminous emulsion blinded with river sand.	m <sup>2</sup>	22.00		
	<b>Brick walls</b>				
F-03	112mm thick brick work in 1:5 cement and sand mortar ( Size of the brick should be L=220mm, W=105mm, H≤65mm ).	m <sup>2</sup>	90.00		
F-04	112mm thick brick work in 1:5 cement and sand mortar ( Size of the brick should be L=220mm, W=105mm, H≤65mm ). For work tops	m <sup>2</sup>	2.70		
F-05	Supplying and laying <b>600mmx600mm Matt Ceramic Tiles LAID ON SLANTED BRICK PIERED WALLS</b> similar to existng finishes with diagnal cutting by diamond wheel, grouted the grooves to simialr color exceptional quality, including 12mm thick tile bedding in 1:3 cement sand mortar and pointing with tile grout similar to the colour of tiles.(Colour, pattern and the quality should be approved by the engineer). <b>Price range Rs.1,613.00-Rs.2,303.00</b>	m <sup>2</sup>	deleted		
	<b>TOTAL CARRIED TO SUMMARY</b>				
<b>G</b>	<b>ALUMINIUM WORK</b>				
	The contractor shall refer Drawings, Specifications, Pricing preambles, and other relevant documents prior to pricing of this section of work.	Note			



ITEM	DISCRIPTION	UNIT	QTY	RATE (Rs)	AMOUNT(Rs)
	All Aluminium sections shall present clear, straight and sharply defined lines. They shall be free from defects impairing strength, appearance and durability.	Note			
	<p>All aluminium extrusions should have the following properties and the brand should be approved by the Engineer</p> <p>Alloy : AA 6063</p> <p>Minimum Tensile Strength : 150 MPa</p> <p>Minimum Elongation : 7%</p> <p>Surface Treatments</p> <p>(a) Powder coated</p> <p>Coating Thickness : 60~80 micron</p> <p>Colour : To be approved by the Architect/ Engineer (b)</p> <p>Anodizing - Natural/ Bronze</p> <p>Coating Thickness : 10~15 micron</p>	Note			
	The contractor shall submit samples of materials and shop drawings for prior approval	Note			
	<b>Doors &amp; Windows</b>				
G-01	<p>Supplying, fabricating and fixing <b>100mm (1.6 +/- 0.1)mm thick aluminum single swing door</b> using approved quality <b>powder coated</b> aluminum extrusions with <b>4mm thk cladding</b> on top, mid rail and bottom <b>4mm thick cladding (double side)</b> including door lock, <b>butthings</b>, gaskets, wool felt, beadings, flush bolt, threaded bar with nut roller, C Type 300mm stainless steel door handle, etc. <b>(Door closer not included)</b></p>	m <sup>2</sup>	3.20		



ITEM	DISCRIPTION	UNIT	QTY	RATE (Rs)	AMOUNT(Rs)
G-02	Supplying, fabricating and fixing <b>41mm (1.2mm thick) aluminum casement window with top louvers</b> using approved quality <b>powder coated</b> aluminum extrusions and 5mm thick glass including casement lock, screws, gaskets, hinges, weather strip, beadings,etc	m <sup>2</sup>	3.30		
G-03	Supplying, fabricating and fixing <b>100mm (1.6 +/- 0.1)mm thick aluminum single swing door with top louvers</b> using approved quality <b>powder coated</b> aluminum extrusions with 5mm thick fixed glass on top, mid rail and bottom <b>4mm thick cladding (double side)</b> including door lock, gaskets, wool felt, beadings, flush bolt, threaded bar with nut roller,C Type 300mm stainless steel door handle, etc. <b>(Door closer not included)</b>	m <sup>2</sup>	8.70		
G-04	Supplying and fixing approved quality door closer	nr	2.00		
<b>TOTAL CARRIED TO SUMMARY</b>					
<b>H</b>	<b>PLASTERING</b>				
	The Contractor is advised to refer the Drawings,Specification, pricing preambles and the finishes schedule prior to pricing of this section of work.	Note			
	Rates shall include for temporary rules, screeds, ground etc., all normal cutting arises, raking out knots of brck work, hacking knots of concrete, rounded angles and the like, bedding, pointing, forming joints making good between different surfaces, around pipes, sanitary fittings and other fixtures and cleaning down upon completion.	Note			

ITEM	DISCRIPTION	UNIT	QTY	RATE (Rs)	AMOUNT(Rs)
	Extra over provision for narrow widths such as door/ window reveals have not been measured separately for all types of finishes. Rates shall include for narrow widths unless otherwise included in the BOQ.	Note			
	Rates shall include for builders work in connection with electrical/mechanical installation and plumbing unless measured otherwise.	Note			
	Ensure that all floor finishes are laid to falls as indicated or towards external sides so as to prevent stagnation of water.	Note			
	Rates for plaster work shall include for reinforcing joints between different types of construction material (e.g.brick work and concrete work) with 150mm wide galvanized steel mesh as directed by the Engineer.	Note			
	Rates shall include for covering and protection of finishes from weather and construction operation.	Note			
	<b>Wall Plastering</b>				
H-01	<b>20mm thick plaster</b> in 1:3 cement sand mix finished smooth with <b>cement floating. For internal walls of bathrooms, worktops</b>	m <sup>2</sup>	33.00		
H-02	<b>20mm thick plaster</b> in 1:3 cement sand mix finished smooth with <b>cement floating. For internal columns with retaining walls</b>	m <sup>2</sup>	3.50		
H-03	16mm thick semi rough plaster for walls cement and sand (1:5) plaster finished rough On brick(Externally). Walls sides and top of the windows and walls will be considered in the reveals plastering rates	m <sup>2</sup>	172.00		



ITEM	DISCRIPTION	UNIT	QTY	RATE (Rs)	AMOUNT(Rs)
H-04	<b>Preparing door or window reveals )</b> in 12mm thickness to mm thick 1:3 cement sand mortar for external face and , if internal face occurs, with 1:1:5 cement lime sand mix finished with lime putty for internal sides bisecting the window frames with necessary slopes etc.,	m	70.00		
H-05	10mm thick <b>semi rough plaster</b> for concrete columns / beams in 1:3 cement sand mix finished using trowel	m <sup>2</sup>	37.00		
H-06	10mm thick <b>smooth soffit plaster</b> for concrete slabs and beams, staircase in 1:3 cement sand mix finished smooth with lime putty	m <sup>2</sup>	75.00		
H-07	<b>20mm thick plinth plaster</b> in 1:3 cement sand mix finished smooth with <b>cement floating</b>	m <sup>2</sup>	9.50		
<b>TOTAL CARRIED TO SUMMARY</b>					
<b>J</b>	<b>PAINTING</b>				
	Rate shall include for preparation of surfaces, cleaning down, smoothing, knotting, stopping, patching up cracks, etc., protection of floors and fittings, removing and replacing door and window fittings, if required, and cleaning upon completion.	Note			
	Rate shall include for painting of reveals etc.	Note			
	Rates shall include for protection of floors, fittings and cleaning upon completion.	Note			
	Paint brand should be CIC or equivalent and the approval for brand and colour should be obtained by the Engineer	Note			
J-01	Apply two coat of wall potty under the vanity to get smooth finish-	m <sup>2</sup>	5.00		



ITEM	DISCRIPTION	UNIT	QTY	RATE (Rs)	AMOUNT(Rs)
J-02	Applying two coats of approved quality <b>polymer modified damp ressistant paint</b> after preparing surface as directed. Application shall be by PU compressor. Color and texture shall be approved by the Engineer. To vanity walls	m <sup>2</sup>	rate only		
J-03	Applying one coat of approved quality wall primer and two coats of approved quality <b>weather shield</b> paint to <b>new walls</b> .	m <sup>2</sup>	295.00		
J-04	Applying two coats of approved quality <b>floor paint</b> after preparing surface as directed.	m <sup>2</sup>	20.00		
	<b>TOTAL CARRIED TO SUMMARY</b>				
<b>K</b>	<b>FLOORING</b>				
	Locally manufactured Homogeneous floor tiles of approved quality (Rocell or equivalent), colour and variety with all specials in specified areas as per the BOQ straight joints in both ways including all shapes, corner and angles set in 12mm thick cement and sand (1:3) screed bedding with neat cement floating level and to slopes < 15° from horizontal and all joints shall be pointed with coloured tile grout to match with tiles.				
K-01	<b>16mm thick cement rendering in 1:3</b> cement sand mortar finished smooth with <b>cement floating</b>	m <sup>2</sup>	162.00		
K-02	<b>12x100mm projected skirting</b> in 1:3 cement sand mortar and finished smooth with <b>cement floating</b> including forming groove	m	42.00		
	<b>TOTAL CARRIED TO SUMMARY</b>				
<b>L</b>	<b>ELECTRICAL WORKS</b>				

ITEM	DISCRIPTION	UNIT	QTY	RATE (Rs)	AMOUNT(Rs)
L-01	Allow for main panel and SDBs, cables, power supply from sub station	PS	1.00	500,000.00	500,000.00
L-01A	Supplying and fixing of approved quality 4 Row 56 way Wall mounted Steel Distribution Board to working Order. Enclosure box size not less than 350mm x 650mm x 115mm and material should be Alu Zinc coated metal sheet with powder coated Texture (RAL7032) Surface finished. ICE 60529 (IP54) Standard (Quality & Surface Type should be approved by the engineer)	Nr	1.00		
L-02	Supplying and fixing 1800mm long 50mm dia. (1.8 mm) GI earth pipe covered by pits (internal size 450x450) depth up to 600mm with 75mm thick base in 1:3:6(25) con. 115mm Tk. Brick walls and rendering in 1:3 ct. sand mix including forming channel and 50mm tk. removable con. cover in 1:2:4(20) con. reinforced with R6@75mm c/c both way and plastered all exposed surfaces with 1:3 ct. sand mix as per drawing (Must be set to at least 10 ohms Resistance)	Nr	1.00		
L-03	Supply and installation of 12mm x 1200mm earth electrode with clamp and all other accessories in working order.(Repair works only)	Nr	1.00		



ITEM	DISCRIPTION	UNIT	QTY	RATE (Rs)	AMOUNT(Rs)
L-05	Supplying and fixing approved quality 12W soffit mounted L.E.D Panel lamp (Sunk or Surface mounted) wired through a 10 Amp switch using 2x1/1.13mm Cu\PVC\PVC (1sq.mm) wires in fully concealed PVC conduits with all specials. surface plastic casing can be use for special situations with approved by the Engineer. Additional chargers NOT allow for PVC casings. Rate shall include switch, sun box, etc. L.E.D Lamp Life Span should be 25000 hrs. ~30000 hrs. and with 2 Year Manufactured Warranty for Complete Product. Without any Complaints of ROHS. Short circuit protection should be include (Quality should be approved by the engineer)	Nr	16.00		
L-07	Supplying and fixing approved quality Square Pin type - G/13 Amp socket outlet (for the ring circuit or radial circuit) wired through 7/0.67mm Cu\PVC\PVC(T) - 2.5sq.mm wire and 1x7/0.67mm Cu\PVC (2.5sq.mm) earth wire in fully concealed PVC conduits or casing with all specials. supply cables & concealing materials all are including for standerd lenth. (Quality should be approved by the engineer)	Nr	15.00		

ITEM	DISCRIPTION	UNIT	QTY	RATE (Rs)	AMOUNT(Rs)
L-08	<p>Supplying and fixing approved quality Wall mounted fan with in-built regulator and Square Pin type - G /13 Amp socket outlet wired through 7/0.67mm Cu\PVC\PVC(T)- 2.5sq.mm wire and 1x7/0.67mm Cu\PVC (2.5sq.mm) earth wire in fully concealed PVC conduits with all specials. surface plastic casing can be use for special situations with approved by the Engineer. Additional chargers NOT allow for PVC casings. Power Consumption (50W-60W) - For Heavy duty uses</p> <p>Wall-fan Should be following Specification 02 Year Manufactured Warranty Oscillation control Metal Blade 3 Speeds and on/Off pull manual switches (Quality should be approved by the engineer)</p> <p><b>Prime cost of Fan = Rs.34,746.00 - Rs.35,593.00</b></p>	Nr	2.00		
L-09	<p>Supplying and fixing approved quality 63 Amp/ 4 Pole three phase main switch (M.C.B. type/10kA B.C) to working order (Quality should be approved by the engineer)</p> <p>Product Should Be European or Equivalent.</p> <p><b>Prime Cost of Product -Rs 5,700.00 - Rs.6,000.00</b></p>	Nr	1.00		
L-10	<p>Supplying and fixing approved quality 63Amp/30mA three phase RCCB (Trip switch) to working order (Quality should be approved by the engineer)</p> <p><b>Prime Cost of Product -Rs 9,800.00 - Rs. 13,900.00</b></p>	Nr	1.00		



ITEM	DISCRIPTION	UNIT	QTY	RATE (Rs)	AMOUNT(Rs)
L-11	Supplying and fixing approved quality 7/0.67mm Cu\PVC (2.5sq.mm) earth wire as directed (concealing materials will be paid separately)	m	20.00		
L-12	Supplying and fixing approved quality 1 /1.13mm Cu\PVC\PVC(1sq.mm) wire as directed.( Concealing materials will be paid separately )	m	25.00		
L-13	Supplying and fixing approved quality 1"(25mm) PVC Conduit pipe with all specials. Rate shall include clips nails etc. ( only the additional cost)	m	8.00		
L-14	Supplying and fixing approved quality 1"(25mm x 16mm) PVC casing with capping as directed. Rate shall include clips nails etc.( only the additional cost)	m	8.00		
L-15	Supplying and fixing approved quality Weather proofed lamp Fitting (Out Door) with point wired through 10 Amp switch using 2x1/1.13mm Cu\PVC\PVC (1sq.mm) wire and 7/0.67 mm Cu/PVC (2.5sq.mm) earth wires in fully concealed PVC conduits with all specials. Surface plastic casing can be use for special situations with approved by the Engineer. Additional chargers NOT allow for PVC casings. Rate shall include switch, sun box, complete lamp fitting, etc. (Quality should be approved by the engineer) bulb will be paid separately. <i>Prime cost of Fitting = R.s.1,907.00</i>	Nr	6.00		
L-16	Allow for services improvements in MEP and builders work	PS	1.00	60,000.00	60,000.00
<b>TOTAL CARRIED TO SUMMARY</b>					
<b>M</b>	<b>WEATHER TROTS</b>				

ITEM	DISCRIPTION	UNIT	QTY	RATE (Rs)	AMOUNT(Rs)
M-01	Supply , fabricate, install of canopies of a width of 1000mm on plan along the external column faces with 50mmx100mmx2.3mm GI horizontal memeber fixed to columns and roofing by 0.47mm thick colour coated Zink Aluminum metal roofing sheets/ridging sheet on 100x50x12 2mm galvanized lip panel frame work / suitable structure, with all specials (Brand, Profile and Colour of the sheets should be approved by the engineer), facia with 0.47mm thick Zink Aluminum ridge equivalant sheet to match the colour of the roof. Rate shall include all necessary fasteners, etc. Further, supply & Installation of PVC Panelled Ceiling (Quality and colour shall be approved by the Engineer )underneath the canopy with necessary GI grid structure to complete. (Type, guage of grid shall be approved by the Engineer).	m <sup>2</sup>	4.20		
	<b>TOTAL CARRIED TO SUMMARY</b>				
<b>N</b>	<b>PLUMBING WORK</b>				
	<b>These plumbing rates shall be used for building construction and repair works only.</b> All PVC pipes and fittings shall be of best quality of an approved manufacture. All pipes shall be measured in linear meters and rates shall include pipe fittings and extras where stated, solder, rivets, screws, nails, clips, brackets, straps, holder bats, made bends, if any etc., all laps, straight cutting and wastages, solvent cement and incidental materials and labour on joining pipes, chasing in brickwork, concrete surface and making good.				



ITEM	DISCRIPTION	UNIT	QTY	RATE (Rs)	AMOUNT(Rs)
N-01	Supplying and fixing <b>20mm (1/2") bib tap</b> - Chromium plated. <i>Prime Cost Rs.1,610.00</i>	nr	4.00		
N-02	Supplying and fixing <b>20mm (1/2") angle valve</b> - Chromium plated	nr	3.00		
N-03	Supplying and fixing <b>20mm (1/2") gate valve</b> - Brass	nr	3.00		
N-05	Supplying and laying <b>25mm (3/4")</b> (PNT11) or Equivalent PVC pipes with all specials rate included pressure testing etc.	m	45.00		
N-06	Supplying and laying <b>20mm (1/2")</b> (PNT14) or Equivalent PVC pipes with all specials rate included pressure testing etc.	m	30.00		
N-07	Supplying and laying <b>40mm (1 1/4")</b> (PNT7) or Equivalent PVC pipes with all specials rate included pressure testing etc.	m	12.00		
N-08	Supplying and laying <b>110mm (4")</b> (PNT7) or Equivalent PVC pipes with all specials rate included pressure testing etc.	m	12.00		
N-09	Supplying and laying <b>63mm (2")</b> (PNT7) or Equivalent PVC pipes with all specials rate included pressure testing etc.	m	3.00		
N-10	Allow for septic tank and builders work	PS	1.00	55,000.00	55,000.00
	<b>SUB TOTAL</b>				
<b>P</b>	<b>SANITARY FITTINGS</b>				

ITEM	DISCRIPTION	UNIT	QTY	RATE (Rs)	AMOUNT(Rs)
	All sanitary fixtures shall be of best quality of an approved manufacture. Rates of sanitary appliances shall include for fixing to brickwork or to concrete work with all necessary brackets, plugs, screws,etc as shown in construction drawings or as directed by the engineer.				
P-01	Supplying and fixing concealed valve 20mm (1/2") heavy quality chromium plated with water supply connection (Quality of valve should be approved by the engineer)	nr	2.00		
P-02	Supplying and fixing 900mmx450mm approved quality <b>stainless steel kitchen sink with single bowl and single drain board</b> including 20mm (1/2") heavy quality chromium plated swan tap with water supply and waste water connection (Quality of sink and tap should be approved by the engineer)	nr	2.00		
P-03	Supplying and fixing <b>ceramic closed couple water closet (Commode)</b> with seat cover,trap,20mm (1/2") chromium plated angle valve, flexible horse etc. to working order. Minimum 10 year warranty on ceramic ware to be available with manufacturers. (Quality approved by the engineer) <i>Prime cost of ceramic closed couple Rs 35,593.00</i>	Nr	2.00		
P-04	Supplying and fixing approved quality <b>40mm Bottle Trap</b> as directed (Quality should be approved by the engineer)	nr	2.00		



ITEM	DISCRIPTION	UNIT	QTY	RATE (Rs)	AMOUNT(Rs)
P-05	Supplying and fixing approved quality <b>Chromium plated Bidet shower</b> with 20mm(1/2") angle valve - chromium plated as directed. <i>Prime cost of Bidet shower Rs.3,805.00 and approved by the engineer</i>	nr	2.00		
P-06	Supplying and fixing approved quality 450x600mm (rectangular or oval shaped) <b>bathroom mirror</b> as directed (Quality should be approved by the engineer)	nr	6.00		
P-07	Supplying and fixing approved quality <b>Chromium Plated Soap Tray</b> as directed (Quality should be approved by the engineer)	nr	2.00		
P-08	Supplying and fixing approved quality <b>Chromium Plated 600mm Towel Rail</b> as directed (Quality should be approved by the engineer)	nr	2.00		
P-09	Allow for builders work and other neccessary accessories	PS	1.00	25,000.00	25,000.00
P-10	Supplying and fixing Lanka Ceramic Ltd. manufactured or equivalent approved quality <b>550mmx400mm Ceramic wash basin</b> with 20mm (1/2") heavy quality chromium plated pillar tap, waste plug, 20mm(1/2") angle valve - chromium plated, water supply and waste water connection as directed (Quality of wash basin should be approved by the engineer) <i>Prime Cost Rs.16,950.00 - Rs.21,185.00</i>	nr	2.00		
	<b>SUB TOTAL</b>				
<b>Q</b>	<b>FIRE DETECTION AND PROTECTION</b>				
Q-01	Supply and installation of Exit Sign board (type -non battery back up)	deleted	-		

ITEM	DISCRIPTION	UNIT	QTY	RATE (Rs)	AMOUNT(Rs)
Q-02	Supply and installation of fire extinguishers of following type (type - battery back up) CO <sub>2</sub> -2kg	Nr	1.00		
Q-03	Dry powder 6kg	Nr	1.00		
Q-04	Water 9 litrea	Nr	1.00		
	<b>SUB TOTAL</b>				
<b>R</b>	<b>METAL WORK</b>				
R-01	Supply, fabrigate and installation of GI guard rail sas per the detailed drawing with 50mmx25mmx2.0mm horizontal members at approx 450mm intervals, uprights at approx 900mm with 50mmx50mmx2.0mm, anchored to wall and columns with necessary anchor bolts and base plates, with approx 100mm clearance between floor level and lower horizontal member, with one coat of primer and two coats of anticorrosive paint with black mat texture	m	9.00		
R-02	Supply, fabrigate and installation of back rest of approx 450mm high with GI guard rail as per the detailed drawing with 3nrs of 25mmx2.0mm diameter horizontal members, uprights at approx 900mm with 40mm dia x2.0mm galvanized iron pipes, anchored to wall with one coat of primer and two coats of anticorrosive paint with black mat texture	m	19.10		
R-03	Allow for steel cover grating for drain	Ps	1.00	60,000.00	60,000.00
	<b>SUB TOTAL</b>				
<b>S</b>	<b>AV TRACKS</b>				



ITEM	DISCRIPTION	UNIT	QTY	RATE (Rs)	AMOUNT(Rs)
S-01	Supplying, fabricating and fixing <b>Steel tracks of 300mm wide</b> using 50x50x5.8 mm double angle iron main bars and 50x50 x5.8 mm angle iron distribution bars (or 50mmx25mmx2.0mm and 25mmx25mm2.0mm box iron)as per detailed drawing. including applying 2 coats of anticorrosive paint to all steel work. Rate shall include necessary cleats for fixing purling and rag bolts,neccessary bolts and nuts, pressure plates and truss plates as directed by the engineer.	m	23.00		
	<b>SUB TOTAL</b>				

# ESTABLISHMENT OF AN AMPHI -THEATRE

## BILL OF QUANTITIES

### TIERS

ITEM	DISCRIPTION	UNIT	QTY	RATE (Rs)	AMOUNT(Rs)
<b>A</b>	<b>TIER FRONTS</b>				
	Note : Following items to be priced as appropriate.				
A-1	Supplying and Laying 220mm x 110mm x80mm size (strength class 25N/mm <sup>2</sup> ) Interlocking blocks on 50mm thick compacted Quarry dust layer. (Colour, pattern and the quality should be approved by the engineer.)	m <sup>2</sup>	62.00		
A-2	112mm thick brick work in 1:5 cement and sand mortar ( Size of the brick should be L=220mm, W=105mm, H=65~100mm ).	m <sup>2</sup>	13.00		
A-3	16mm thick semi rough plaster for walls cement and sand (1:5) plaster finished rough On brick(Externally). Walls sides and top of the windows and walls will be considered in the reveals plastering rates	m <sup>2</sup>	13.00		
A-4	Applying one coat of approved quality wall primer and two coats of approved quality <b>weather shield</b> paint to <b>new walls</b> .	m <sup>2</sup>	13.00		
A-5	Allow sum for settingout, of tiers with lines and levels from the start to end of the work by necessary construction of steel shaft arc checking system, maintaining, dismantling and removal on completion of the facility, other facilities for Employer and Engineer for the supervision of the work, preparation of soft copies, spot height diagrams, such as safety wares, measurng devices, TS, TL, transport etc.,	item	1.00		



A-6	Allow lump sum for all cost in connection with civil works for sound bar plinths, , related metal works and provisions etc.,	Ps	1.00	100,000.00	100,000.00
A-7	Allow lump sum for lighting at the audience area.	Ps	1.00	300,000.00	300,000.00
					-
					-
					-
	<b>TOTAL CARRIED TO SUMMARY</b>				
<b>B</b>	<b>AUDIENCE AREA</b>				
	<b>Site Preparation</b>				
B-01	Site clearing including removing all debris, small trees up to 0.5 m girth, vegetations including top soil up to 150 mm depth and dispose to suitable locations.	m <sup>3</sup>	360.00		
	<b>Excavation</b>				
	Earth excavation in any material except rock requiring blasting, part return fill rammed and well consolidated. All excavations to be protected from rain/storm water runoff falling into the same by suitable means. Unsuitable material shall dispose to approved locations				
	<b>Levelling the land</b>				
B-02	<b>Filling under floors</b> by spreading, watering and compacting with approved quality earth in 150mm layers by machinery as directed (earth available at site) - Compacted volume. (more than 50 m <sup>3</sup> .)	m <sup>3</sup>	1,440.00		
	<b>Masonry Works</b>				
	The Contractor shall refer Drawings, Specifications, Pricing preambles, and other relevant documents prior to pricing of this section of work.				
	Rates for masonry works shall include for pluri	Note			

	Rate shall include for all necessary types of scaffolding whether specified separately or not.	Note			
	External surfaces of brick work shall complete to a levelled & even surface to receive cladding frame work without any plastering work to walls.	Note			
	<b>Random Rubble masonry work</b>				
B-03	Random Rubble Masonry work for retaining walls in 1:5 cement, sand mortar using 150mm x 225 mm approved quality rubble.	m <sup>3</sup>	125.00		
B-04	<b>16mm thick cement rendering in 1:2 cement sand mortar finished smooth with cement floating</b>	m <sup>2</sup>	262.00		
B-05	Supply and lay of buffolo grass with necessary fertilizer soil strip underneath	m <sup>2</sup>	530.00		
	<b>RRM steps</b>				
B-06	Random Rubble Masonry work for retaining walls in 1:5 cement, sand mortar using 150mm x 225 mm approved quality rubble.	m <sup>3</sup>	32.00		
B-07	Allow for back audience development and cubicle for video streaming	Ps	1.00	700,000.00	700,000.00
	<b>TOTAL CARRIED TO SUMMARY</b>				