

**MUNICIPAL COUNCIL ANURADHAPURA**

**BIDDING DOCUMENT**  
**(Volume – 2)**

**Renovation of No-12 Quarters**

**Contract No** :.....

**Issued To** :.....

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**Please refer Volume 1 of ICTAD publication No:ICTAD/SBD/01**

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# INVITATION FOR BIDS (IFB)

## ANURADHAPURA MUNICIPAL COUNCIL ANURADHAPURA

### Renovation of No-12 Quarters

1. The Chairman, Department Procurement Committee on behalf of **Anuradhapura Municipal Council, Anuradhapura** now invites sealed bids from eligible and qualified community boards for Renovation of No-12 Quarters as describe below and estimated to cost 3.9 million LKR. The Construction period is **45 Days**.
2. Bidding will be conducted through **Limited Competitive Bidding Procedure among community boards (Praja Mandala) at Anuradhapura Municipal Council Area and Rural Development Committees of Nuwaragam Palatha East**
3. To be eligible for contract award, the successful bidder shall not have been blacklisted and shall an active community board which is registered in Anuradhapura Municipal Council for the year 2024.
4. Qualification requirements to qualify for contract award include the **Qualification Information** in Section 04 and **Schedule** in Section 05 in the Bidding Document.
5. Interested bidders may obtain further information from **Municipal Commissioner, Municipal Council, Anuradhapura** [Telephone: **0252222275**, e-mail: **planning2020@gmail.com**] from **09.00 hrs** to **15.00hrs** in weekday.
6. A complete set of Bidding Documents in English language may be purchased from **Commissioner, Municipal Council, Anuradhapura** from **18.10.2024** until **07.11.2024** from **09.00hrs.** to **15.00hrs.** upon payment of a non-refundable fee of **Rs 5000**. The method of payment will be **in cash**.
7. Bids shall be delivered in duplicate to the address below, on or before **08.11.2024** at **10.00 am**. Late bids will be rejected. Bids will be opened soon after closing in the presence of the bidders' representatives who choose to attend.
8. Pre-Bid meeting shall be available to all bidders on **05.11.2024** at auditorium of Anuradhapura Municipal Council at **11.00 am**
9. Bids shall be valid up to **91 Days**.
10. All **bids** shall be accompanied by a Bid Security, of **Rs 39,000.00 LKR** Bid Security shall be deposited in Municipal Council in Cash.

**Municipal Commissioner,  
Anuradhapura Municipal Council,  
Anuradhapura.**

**Section - 4**  
**FORM OF BID & QUALIFICATION**  
**INFORMATION**

# FORM OF BID

Name of Contract:**Renovation of No-12 Quarters**

To: **The Municipal Commissioner/Chairman of Municipal Council Procurement Committee,  
Anuradhapura Municipal Council,  
Anuradhapura,**

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 defect therein in conformity with the aforesaid Conditions of Contract, 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 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 comprised in the Contract within the time stated in the Contract Data.
4. We agree to abide by this bid for the period of **91Days** from the date fixed for receiving 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 accept / we do not accept the Adjudicator.
7. We 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 : .....

Name : .....

Designation : .....

Address : .....

Witness : .....

# Qualification Information

*(To be completed and submitted by the bidder, with the Bid)*

<b>Registration of Department of Local Government-NCP</b>	
Registration number	
Registration for year 2024	<b>Yes/No</b>
Capability Certificate	<b>Yes/No (If Yes, the certificate copy should attach to document)</b>
<b>Backlisted Contractors</b>	
Have you been declared as a defaulted contractor by NPA or any other Agency?	
IF yes provide details	
<b>VAT Registration Number</b>	
<b>Construction Program</b>	<i>(attach as annex)</i>
<b>Legal status</b>	<i>(attach relevant status copies, as annex)</i>
<b>Value of Construction works performed in last 3 years</b>	<i>(attach copies of Certificate of Completion etc. and other documents such as profit-loss and income expenditure statement)</i>
Year: .....	Value: .....
Year: .....	Value: .....
Year: .....	Value: .....
Average	
<b>Value of similar works completed in last 3 years (indicate only the three largest projects)</b>	1. Value: ..... Year: ..... 2. Value: ..... Year: ..... 3. Value: ..... Year: ..... <i>(attach copies of Certificate of Completion etc., as annex)</i>
<b>Qualification and experience of key staff – Site &amp; Head Office (Permanent, Contract basis &amp; Consultants)</b>	<i>(Certified copies should be attached to prove the qualification and experience)</i>
1. Employing a Technical officer (NCT Civil/NVQ 5) who has engaged in three similar projects in last five years	

**Section - 5**  
**BIDDING DATA AND CONTRACT DATA**

## Bidding Data

(Please note that the Clause nos. given hereunder are that of Instructions to Bidders)

(1.1) The Employer is

**Municipal Commissioner,  
Anuradhapura Municipal Council,  
Anuradhapura.**

The Works consists of **Buildingconstruction Works**

located at **Anuradhapura**

(1.2) Intended Completion Date is **45 Days** from the Start Date.

(1.3) The office for collection of bid forms is;

**Anuradhapura Municipal Council,  
Anuradhapura.**

The non-refundable fee is Rupees **5000.00**

The Bid forms will be issued until**28.10.2024**

(2.1) The source of funds is **Municipal Council Funds**

(4.2) The registration required;**Municipal Council registration**

The following information shall be provided in Section 4:

- Municipal CouncilRegistration;  
Registration number
- (4.3) • VAT Registration number
- Construction Program
- Legal Status
- Experience in works of a similar nature and size for each of the **last three years**;  
(Attach relevant pages from ICTAD registration book)
- Qualifications and experience of key site management and technical  
personnelproposedfor the Contract;  
(Certified copies should be attached to prove the qualification and experience)
- any other.



- (4.4)
- Experience in the construction of at least one contract of a nature and complexity equivalent to the Works over the last 5 years (to comply with this requirement, works cited should be at least 70 percent completed); **more than Rs. 1Million**
  - Following technical and managerial Staff:
    1. **Employing a Technical officer (NCT Civil/NVQ 5) who has engaged in three similar projects in last five years**

The minimum amount of liquid assets and/or credit facilities net of other contractual commitments and exclusive of any advance payments which may be made under the contract shall be not less than **Rs3 Million**  
*(credit facilities should be taken specially on the name of this project)*
- (9.1) Employer's address for the purpose of clarification is;
- Municipal Commissioner,  
Anuradhapura Municipal Council,  
Anuradhapura.  
T.P.No - 025-2222275  
Mail address – planning2020@gmail.com**
- (11.1) The language of the bidding document shall be **English or Sinhala**
- (13.3) VAT component shall not be included in the rates. The amount written in the Form of Bid shall be without VAT. However, VAT component shall be shown separately at the end of the BOQ.
- (13.4) The Contract **is not subjected** to price adjustment in accordance with Clause 47 of the Conditions of Contract.
- (15.1) The Bid shall be valid up to **91 days (28.01.2025)**
- (16.1) Bid shall be included a Bid Security of 39,000.00 LKR (Cash Deposited in Municipal Council)
- (16.2) Bid Security shall be:
- for an amount **Rs 39,000.00**
  - In Cash
- (17.1) Pre-Bid meeting shall be available to all bidders on 22.10.2024 at auditorium of Anuradhapura Municipal Council at 11.00 am. (contact Municipal Council Finance branch 0252222275 for any further details)

**(19.2) a** The Employer's address for the purpose of Bid submission is;  
**The Commissioner /Chairman of Municipal Council Procurement Committee  
Municipal Commissioner,  
Anuradhapura Municipal Council,  
Maithripala Senanayake Mawatha  
Anuradhapura.**

**(19.2) b** **Renovation of No-12 Quarters**

**(20.1)** The deadline for submission of Bids shall be at **10.00 a.m. on 29.10.2024**

**(34.0)** The amount of Performance Security is **5%** of the Initial Contract Price.

**(36.0)** The Adjudicator proposed by the Employer is **a Cooperate member of IESL**

*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.*

## Contract Data

*(Please note that the Clause nos. given hereunder are that of Conditions of Contract)*

(1.1) The Employer is

**Commissioner,  
Anuradhapura Municipal Council,  
Anuradhapura.**

(1.1) The Engineer is;

**Municipal Engineer,  
Anuradhapura Municipal Council,  
Anuradhapura.**

Name of Engineer's Representative;

**Technical Officer,  
Anuradhapura Municipal Council,  
Anuradhapura.**

(1.1) **Renovation of No-12 Quarters**

(1.1) The Site is located at **Anuradhapura**

(1.1) The Start Date shall be the date of Letter of Acceptance.

(9.1) Schedule of Key Personnel:

Minimum persons with qualifications and experience to be defined,

**1. Employing a Technical officer (NCT Civil/NVQ 5) who has engaged in three similar projects in last five years**

(13.1) The minimum insurance covers shall be:

- (a) • The minimum cover for insurance of the Works and of Plant and Materials is **110% of Initial Contract Price.**
- (a) The minimum cover for personal injury or death,
  - for the Contractor's workmen is **Rs.1,000,000.00 per event**
  - Contractor's employees other than workmen is **Rs.1,000,000.00 per event**

- (13.2)
- (17.1) The Intended Completion Date for the whole of Works shall be **45Days from starting date**
- (21.1) The Site Possession Date shall be **the date of the** Letter of Acceptance
- (27.1) The Contractor shall submit a program for the Works within **14 Days** of delivery of the Letter of Acceptance. Work programme should be prepared so that the items of sub estimate 1 will be done completely before starting the work scope of sub estimate 2.
- (27.3) The period between Program update is **monthly**
- (27.4) The amount to be withheld for late submission of a Program is **Rupees 2% of Initial Contract Price**
- (35.1) The Defects Liability Period is **365 Days**.
- (39.2) Engineer may order variations up to a total cumulative value of not exceeding **Rs. 10% of Initial Contract Price**
- (47.1) The Contract Price **is not** subjected to price adjustment
- (48.1) The retention from each payment shall be **10% of the certified work done**  
The limit of retention shall be **5% of the Initial Contract Price**
- (49.1) The liquidated damages for the whole of the Works shall be **0.05% of the Initial Contract Price per Day**.
- (50.1) The maximum amount of liquidated damages for the whole of the Works shall be **10% of the Initial Contract Price**
- (52.1) The Performance Security shall be **5% of the Initial Contract Price**.
- (58.1) Schedule of operating and maintenance manuals.
- (60.1) The percentage to apply to the value of the work not completed, representing the Employer's additional cost for completing the Works, is **25%**.



**Section-6**  
**SPECIFICATIONS**

# Specifications

Specifications consist of two parts, part I and part II.

## **Part I**

Part I is latest relevant specifications, published by the Institute for Construction Training and Development (ICTAD), in cases where no such a specifications available, latest available British Standards specifications should be applied. It is assumed that all the bidders are equipped with this publication; hence no copy of that document is furnished with this document. All the Bidders who do not equipped with the document are instructed to buy a copy from the following address.

**Institute of Construction Training & Development (ICTAD),  
“Sawsiripaya”  
123, Wijerama Mawatha,  
Colombo 07.**

Relevant Specifications published by the Institute for Construction Training and Development (ICTAD), are as follows;

SCA/3/1	-	Irrigation and land drainage
SCA/3/2	-	Water supply, sewerage and storm water drainage
SCA/3/3	-	Reclamation works
SCA/3/4	-	Ground water Exploration and Exploitation
SCA/4	-	Building works (Volume I)
SCA/4/II	-	Building works (Volume II)
SCA/5	-	Road & Bridges
SCA/6	-	Coastal Harbour Engineering Works
SCA/8	-	Electrical and Mechanical works
ICTAD/DEV/16	-	Board & Cast In-Situ Reinforced Concrete Piles
ICTAD/DEV/17	-	Site Investigation for Building Works & Sample Bill of Quantities

Any other Standard Specifications approved by the Government.

## **Part II**

Part II is Preambles of Bill of Quantity, description given at the top of each section and description of items in the Bill of Quantities of the document. Wherever these Part II description vary from the standard conditions (Part I), the Part II description shall take precedence.

## Preambles of Bill of Quantities

1. All the duties, taxes and other levies payable by the contractor, other than value added tax (VAT), should be included in the rates.
2. Cost for all other preliminary items, other than preliminary items included in the bill of quantities should be included in the rates as overheads. Some of them are as follows, but not limited to them.
  - Supervision of labor/works
  - Construction of site office, stores, access roads and provision of utilities.
  - Watcher for camp, stores and work sites
  - Tool and implement
  - Setting out and measurement
  - Transport of workers and staff
  - Salaries of site staff (office and field)
  - Interest on capital investment
  - Labor Premiums
  - Insurance Premiums
  - Provision of facilities for head office, workshops, stores and yards
  - Transport, lodging and subsistence of head office staff
  - Legal expenses and consultancy fee
  - Depreciation
3. All the Bidders are strongly advised to inspect the proposed site, before preparation of Bid Documents.
4. The Bidders shall insert rates and price for the execution of the whole of the said work in strict advance with the specifications.
5. Rates for the items deemed to be inclusive of profits and overheads, wastage factors if any, working space for formwork in excavation, etc. no allowance in quantities would be permitted other than quantities derived.
6. Any discount offered would not be applied to the provisional sum items. Discount offered or differed payment if any shall be stated in the summary and carried over to the Form of Bid. Discount offered or differed payment stated in accompanying covering letter will be considered.
7. Quantities included in the BOQ are approximate. Actual payment depends on the measure and pay basis.
8. All materials used for the construction works should be of the highest grades of their respective kind and shall be certified products by the SRI LANKA STANDARD INSTITUTION (SLS) where such exist, in all other cases they should be certified to the latest British Standard (BS).
9. Specific reference in the specifications to any material by trade name, make or catalogue number shall be construed as establishing standards of quality and performance and not limiting the choice of materials and complying with other standards, which should be equivalent in all respects to the specific standards, a copy of the alternative standards specified in the Bid should be submitted together with an English translation if the standard is in a language other than English.



**Section-7**  
**BILLS OF QUANTITIES**

## GRAND SUMMARY

ESTIMATE FOR RENOVATION OF No 12 QUARTERS AT ABHAYA PEDESA , ANURADHAPURA

<b>Construction Cost</b>	
<b>Less</b> Provisional Sum	
<b>Sub Total 1</b>	
<b>Less</b> Discount if any (..... %)	
<b>Sub Total 2</b>	
<b>Add</b> Provisional Sum	
<b>Total (To be carried to Form of Bid)</b>	
Add VAT 8%	
<b>Grand Total</b>	

**Total (To be carried to Form of Bid) in words:** Rupees .....

.....

**VAT Registration No:** .....

**Authorized person of the Bidder**

**Signature:** .....

**Name:** .....

**NIC No:** .....

**Date:** .....

**Name and Address of the Bidder**.....

.....

**Witness 1**

Signature of witness 1: .....

Name: .....

Address: .....

.....

NIC No: .....

**Witness 2**

Signature of witness 2: .....

Name: .....

Address: .....

.....

NIC No: .....

**MUNICIPAL COUNCIL ANURADHAPURA**

**ESTIMATE FOR RENOVATION OF No 12 QUARTERS AT ABHAYA PEDESA ,  
ANURADHAPURA**

<b>NO.</b>	<b>DESCRIPTION</b>	<b>UNIT</b>	<b>QUA NTIT Y</b>	<b>RATE</b>	<b>AMOUNT</b>
A - 26	Rendering, cement chipped and debris cleared away from brick walls and floors within the site as directed	<b>Sqm</b>	<b>101.00</b>		
A - 28	Removing of existing roof (tiles, asbestos sheets or GI sheets) with timber frame,work inclusive of wiring and fixtures, gutters, valance board etc, stacking usable material and clearing debris within the site as directed in single storied building.	<b>Sqm</b>	<b>22.00</b>		
A - 37	Ceiling asbestos removed including timber framework,stacking serviceable materials, usable materials and debris cleared within the site as directed in single storied building.	<b>Sqm</b>	<b>61.00</b>		
A - 41	Valance/Barge board removed, materials stacked and debris cleared within the site as directed in two storied building	<b>Lm</b>	<b>32.00</b>		
A - 43	Cement plastering in soffit chipped and debris cleared within the site as directed - up to first floor level	<b>Sqm</b>	<b>7.00</b>		
A - 23	Cement, lime and sand plastering chipped and breaking the damaged areas and debris cleared within the site as directed up to first floor level.	<b>Sqm</b>	<b>141.00</b>		
A - 51	Basin, sink, or urinals including all fittings removed and wall made good	<b>No</b>	<b>2.00</b>		
A - 52	Water Closet or Squatting pan, removed, sewer connection plugged and floor made good,Cleared away within the site as directed.	<b>No</b>	<b>2.00</b>		
A - 32	Tiles, glazed floor or wall demolished and debris cleared within the site as directed	<b>Sqm</b>	<b>13.00</b>		

B - 18	Antiterminate treatment for existing buildings in supplying and applying Biflexthrine 10Tc (Biflex) or approved equivalent as per relevant standards of application with 10 years guaranty, including horizontal & vertical barriers by an approved specialist pest control contractor (Approved chemicals in pesticide dept), all as per engineer's instructions, only pay floor area. Rate shall be included sand filling or approved filling with surface preparation.	<b>Sqm</b>	<b>101.00</b>		
C - 3	100mm thick nominal solid block work in cement and sand mortar 1:5 with 400x100x200mm blocks	<b>Sqm</b>	<b>4.20</b>		
D - 4	Mixing & Placing in Position 75mm thick cement concrete with 1 : 2 ½ : 5 (25)mixture in floors using concrete mixer and vibrator including laying of gauge 750 polythene sheet & curing.	<b>Cum</b>	<b>51.00</b>		
D - 6	Mixing & Placing in Position Cement concrete grade C16/20 in slab,beams and using mixer,Vibrator and curing - up to first floor level	<b>Cum</b>	<b>4.00</b>		
E - 1	12mm laminated plywood shuttering for slab, beams and staircase including dismantling - up to first floor level	<b>Sqm</b>	<b>5.00</b>		
F - 2	High yield strength reinforcing in columns, beams, slabs and lintels up to first floor level bent to shape laid in position and tied with G.I. Wire as directed	<b>Kg</b>	<b>23.00</b>		
H - 4	Cement plastering with 1:5 mix, 15mm thick finished semi rough in external walls - up to first floor level	<b>Sqm</b>	<b>14.00</b>		
H - 5	Cement plaster with 1:5 mix, 15mm thick finished smooth with skim coat in internal walls - up to first floor level	<b>Sqm</b>	<b>134.00</b>		
H - 7	Finish smooth soffit of slab by applying skim coat - up to first floor level	<b>Sqm</b>	<b>7.00</b>		
I - 3	Rendering cement 12mm, in 1:5 cement and sand on existing concrete, floating coat using Colour cement, finished smooth	<b>Sqm</b>	<b>94.00</b>		
I - 5	Supplying wall tile glazed, 300x600mm, Sri Lankan made of approved type and colour, with all specials ( <i>Prime Cost of Tile - Rs. 980.00</i> )	<b>Sqm</b>	<b>17.00</b>		

I - 6	Tile glazed, fixed to wall, 300x600mm, Sri Lankan made of approved type and colour, with all specials. Rate shall be included raking plaster and bedding in cement mortar 1:2, pointed with tile grout to match the tile - Ground floor (Tile paid separately)	<b>Sqm</b>	<b>17.00</b>		
I - 9	Supplying floor tile for Bath room or approved area - Matt, 300x600mm, Sri Lankan made of approved type and colour, with all specials (prime cost Rs 1300.00) Paid as actual cost of Tile	<b>Sqm</b>	<b>7.00</b>		
J - 1	Corrugated asbestos sheet roof (sloping to two directions) including 50x100mm imported treated timber rafters at 900 c/c and 50x50mm imported treated timber bearers with necessary coach screws and limpet washers or hook bolts, prepare and apply one coat of wood preservative (black) to structural timber work, including touching up cut end etc. after fixing (Timber used other than those mentioned above measured separately)	<b>Sqm</b>	<b>22.00</b>		
J - 19	Supplying & fixing suspended 600x600mm Non asbestos Cement fiber board slope /flat ceiling for (not less than 3.5mm thick) recessed edge type, fixed to steel frame with hot dip galvanized "T" bars of 25mmx38mm and wall angles of 19mmx25mm, cross T, frame shall be hang to roof frame with GI hanging wires, bolts and all other accessories as per Engineer's approval	<b>Sqm</b>	<b>61.00</b>		
J - 27	Ridging with asbestos bedded in cement and sand mortar 1:4	<b>Lm</b>	<b>15.60</b>		
J - 43	Barge board, Valance, fascia, 20mm thick 225mm high, GINISAPU local timber fixed complete with necessary screws, preparing and painting with one coat of primer and two coats of enamel paint	<b>Lm</b>	<b>31.20</b>		
K - 12	Supply fabricating and fixing aluminium bathroom door size 675mmx1875mm (Swisstek Economical type door or approved equivalent) with frame complete with necessary fittings with door lock and hinges as per Specifications	<b>No</b>	<b>2.00</b>		
M - 4	Prepare and apply one coat of Alkali resistant primer and two coats of emulsion-interior paint soffit of slabs - up to first floor level	<b>Sqm</b>	<b>7.00</b>		

M - 21	Painting walls with Emulsion-interior paint, 2 coats, including preparation of surface	<b>Sqm</b>	<b>268.00</b>		
M - 23	Painting walls with Emulsion-exterior paint, 2 coats, including preparation of surface	<b>Sqm</b>	<b>128.00</b>		
M - 25	Preparing and painting wood work with 2 coats of enamel paint	<b>Sqm</b>	<b>43.00</b>		
M - 20	Painting steel on new work with 2 coats of anticorrosive primer and 2 coats of enamel paint	<b>Sqm</b>	<b>2.50</b>		
N - 1	Supply and lay PVC Pipe 20mm - type 1000 including all necessary fittings	<b>Lm</b>	<b>40.00</b>		
N - 4	Supply and lay PVC Pipe 40mm - type 600 including all necessary fittings	<b>Lm</b>	<b>20.00</b>		
N - 7	Supply and fix Ball valve (Brass) - for overhead tanks - 20mm heavy quality - all complete	<b>No</b>	<b>1.00</b>		
N - 9	Supply and lay 110mm drainage pipe PVC - special for drainage - with necessary fittings complete	<b>Lm</b>	<b>4.00</b>		
N - 17	Supply and fix 2 PC set, closed couple with hard seat cover, Delux E1 or approved equivalent, with 25 years guarantee complete with mono type, chromium plated basin tap - (Momali, Huai or approved equivalent) - with 5 years guarantee with all necessary fittings.(Guarantee certificate should be submitted with the bill). Rate shall be included connecting to existing water services and making good	<b>No</b>	<b>1.00</b>		
N - 18	supply and fixing approved closet squatting type (medium ) with foot rest type with trap. Rate shall be included working order and connection to sever line	<b>No</b>	<b>1.00</b>		
N - 19	Supply and fix stainless steel kitchen Sink, PRINCE or approved equivalent - with single bawl, one side drain board including chromium plated long neck type sink tap - Momali, Huai or equivalent - with 5 years guarantee complete. Rate shall be included all necessary fittings and connected to existing water services and making good. - (overall size 900x450mm) - (Guarantee certificate should be submitted with the bill)	<b>No</b>	<b>1.00</b>		

N - 24	Supply and fix plastic bidet spray - with 1 years guarantee. Rate shall be included 450mm long plastic flexible cable, all necessities and connected to existing water services and making good. (Guarantee certificate should be submitted with the bill)	No	2.00		
N - 38	Supply and fix bath room accessories set (chromium plated with 5 years guarantee) - 5 pcs. (mirror shelf, towel bar, tooth brush holder, toilet paper holder and soap holder) , Kally or approved equivalent all complete. Rate shall be included all necessities and making good	No	1.00		
N - 30	Supply and fix Plastic Shower rose, with one year guarantee	No	1.00		
N - 40	Supply and fix Concealed valve, Momali, Desigle or approved equivalent, with 5 years guarantee (Guarantee certificate should be submitted with the bill)	No	1.00		
N - 41	Supply and fix Angle valve, Momali, Desigle or approved equivalent, with 5 years guarantee (Guarantee certificate should be submitted with the bill)	No	3.00		
N - 42	Supply and fix Long neck type Sink tap, chromium plated, Momali, Desigle or approved equivalent, with 5 years guarantee (Guarantee certificate should be submitted with the bill)	No	1.00		
N - 47	Supply and fix 20mm dia. plastic Bib tap, Water Tec or approved equivalent, all complete	No	3.00		
N - 48	Supply and fix stop cock/gate valve PVC, Water Tec or approved equivalent, with SLS standards - 20mm dia.	No	1.00		
N - 52	Plastic shell water tank, PE+ or approved equivalent, with 10 years guarantee of capacity 500 ltr. Including transporting, placing in position and fixing to the accepted engineering standards including all necessary. Rate shall be included connecting to existing water services and making good	No	1.00		
N - 64	Supply and fix plastic flexible cable (900mm long - 3'), Water Tec or approved equivalent	No	2.00		
N - 68	Supply and fix PVC specials with SLS standards - 20mm dia. (Elbow, Bend, Socket)	No	20.00		
N - 74	Supply and fix PVC specials with SLS standards - 20mm dia. Tees	No	10.00		

O - 3	Furnishing and fixing of Multi-floor trap including 150mm plastic grating	No	2.00		
O - 13	Supply and fix Diameter 900mm & Length 2400mm ready made RCC septic tank (Engineers Approval)	No	1.00		
P - 1	Supply and install Earth electrode Cu rod fixed on ground with 7/1.35 green wire connection	No	1.00		
P - 2	Supply and install 65 x 65 x 6 mm angle iron service bracket, D bracket and Insulator with necessary nuts and bolts for main wire fixed to wall or roof frame - Single Phase	No	1.00		
P - 4	Supply install 40A Distribution Box 8 way, 40A 2 pole MCB, 40A 2-pole 30mA RCCB with wall mount polycrome box - Single Phase	No	1.00		
P - 17	Supply and install Ceiling fan 56" (Type 02),(230V, 80W) USHA ,Singer or equivalent according to Engineers Approval & SLS certificate complete with regulator and other fittings & including necessary wiring with 1.5 Sqmm Cu/PVC/PVC + 2.5 Sqmm E Cu/PVC cable, 2Years original company warranty certificate )	No	4.00		
P - 20	Supply and install Ceiling lamp barral type, dia.150mm - including CFL bulb including switch & necessary wiring with 1.0 Sqmm Cu/PVC/PVC cable (One year warranty)	No	5.00		
P - 26	Supply and install Pendant lamp with LED bulb - 20W ( spiral or globe) including switch and necessary wiring with 1.0 Sqmm Cu/PVC/PVC cable	No	13.00		
P - 37	(Supply and install 13A Switch Socket outlet including necessary wiring 2.5 Sqmm CU/PVC/PVC cable + 2.5 Sqmm Cu/PVC earth cable(Ring circuit)	No	10.00		
Q - 1	G.I barbed wire fence on concrete posts - (hight 1800mm)with 1:1 1/2 : 3(20 mm) concrete, section 150mm x 150mm at bottom and 100 mm x 100mm at top , reinforced with 3 nos. 6 mm bars 2 supports on corner posts , 2 support for mid of every 6 intervals and 7nos. of 14 BWG wire line to accepted Engineering standard. Rate shall be included excavation 1:3; 6 (40 m) cement concrete foundation to all posts and providing bots with washers and nuts, all as per Engineering	Lm	197.00		



	instruction, concrete pad of 300 x 300 x 400 mm and distance between two posts 2400 - 3000 mm				
<b>Total</b>					