



# **SRI LANKA AIR FORCE**

## **BIDDING DOCUMENT**

**TENDER FOR THE CONSTRUCTION OF  
PROPOSED BABY POOL AND ROOF STRUCTURE  
FOR EXISTING POOL AT DEFENCE SERVICE  
COLLEGE AT MALAY STREET COLOMBO 02**

**SLAF TENDER REFERENCE: SLAF/WT/19/2010/TB**

**Command Procurement Officer  
Sri Lanka Air Force  
P.O.Box : 594  
Sir Chiththampalm A. Gardiner Mawatha  
Colombo 02.**

## SECTIONS OF BIDDING DOCUMENT

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***Important:***

*\* Above documents listed in Section I, III, V, VI, VII, VIII and XI are available in this document.*

*\* Above documents listed in Section II and Section IV are those given in Section 1 – (Instructions to Bidders) and Section 3 –(Condition of Contract) of the Standard Bidding Document for Procurement of Works, ICTAD Publication No. ICTAD/SBD/01, Second Edition January 2007, published by the Institute for Construction Training and Development (ICATD).*

*\* Above documents listed in Section IX and Section X shall be purchased by the prospective bidders from Command Procurement Division, Sri Lanka Air Force, No 140, Sir Chittampalam A. Gardiner Mawatha , Colombo 02 after depositing a non refundable fee of Rs. 1000/= with Director Finance, Sri Lanka Air Force, Colombo 02.*

# SECTION I

## **INVITATION FOR BIDS**

### SRI LANKA AIR FORCE

1. The Chairman Departmental Procurement Committee of the Sri Lanka Air Force now invites sealed bids from eligible bidders and qualified bidders for [Construction of proposed Baby pool and Roof structure for existing pool at Defence Service College at Malay Street Colombo 02.](#)

2. The Total Cost Estimate (TCE) is [below](#) Rs. [07.0](#) million and the Contract period shall be [60](#) calendar days.

3. Bidding will be conducted through National Competitive Bidding Procedure.

4. To be eligible for contract award, the successful bidder shall not have blacklisted and shall meet the following requirement:

ICTAD Registration: [M-06/C-07 or Above](#)

Field Specialty: [Building](#)

5. Interested bidders may obtain further information from Command Procurement Officer (Tel 011-2325468 or 2441044 Extension 23550) or Assistant Command Procurement Officer Tenders (Tel 011- 2441553 or 2441044 Extension 23569) Command Procurement Division, Sri Lanka Air Force, No 140, Sir Chittampalam A. Gardiner Mawatha, Colombo 02.

6. A complete set of drawings with regard to the above contract may be purchased by the prospective bidders from the above Officer after depositing a non refundable fee of Rs. 1000/= with Director Finance, Sri Lanka Air Force, No 140, Sir Chittampalam A. Gardiner Mawatha , Colombo 02.

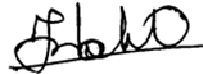
7. Bids shall be delivered to the address below at or before [1100 hrs on 08<sup>th</sup> September 2010.](#)

Command Procurement Division  
Sri Lanka Air Force  
No 140  
Sir Chittampalam A. Gardiner Mawatha  
Colombo 02.

8. The bidder shall seal the original and the copy of the Bid in two separate inner envelopes and one outer envelope, duly marking the inner envelopes as "ORIGINAL" and "COPY". The inner and outer envelope shall;

- a. be addressed to the Sri Lanka Air Force at the address provided in the Bidding Data.
- b. bear the name and identification number of the Contract as defined in the Bidding data;
- c. include the name and address of the bidder; and
- d. provide a warning not to open before the specified time and date for bid opening as defined in the Bidding Data.

9. Bids shall comprise with the following documents;
  - a. Form of Bid in the form given in this Bidding Document.
  - b. Bid Security
  - c. Bidding Data Sheet given in this Bidding Document
  - d. Contract Data given in this Bidding Document.
  - e. Specifications issued by the Sri Lanka Air Force (if applicable only)
  - f. Priced BOQs.
  - g. Drawings issued by the Sri Lanka Air Force.
  - h. Documents proof to substantiate eligibility requirements
  - j. Details of similar contracts performed previously
  
10. All bids shall be accompanied by the Bid Security of **Rs. 105,000.00**



**(RN THILAKASINGHE)**

Group Captain

for **COMMAND PROCUREMENT OFFICER**

10<sup>th</sup> August 2010

## **SECTION II**

### **INSTRUCTIONS TO BIDDERS**

*Instructions to bidders will be applicable for this Contract are those given in Section 1 of the Standard Bidding Document for Procurement of Works, ICTAD Publication No. ICTAD/SBD/01, Second Edition January 2007, published by the Institute for Construction Training and Development (ICTAD).*

## **SECTION III**

### **STANDARD FORMS (CONTRACT)**

- |    |                           |            |
|----|---------------------------|------------|
| a. | Letter of Acceptance      | Page No 7  |
| b. | Agreement                 | Page No 8  |
| c. | Performance Security      | Page No 9  |
| d. | Advance Payment Security  | Page No 10 |
| e. | Retention Money Guarantee | Page No 11 |

## Letter of Acceptance – SECTION III

.....(date)

(LETTER HEADING PAPER OF THE PROCURING ENTITY)

To: .....  
(name and address of the Contractor)

This is to notify you that your bid dated .....(insert date) for the construction and remedying defects of the .....(name of the Contract and identification number) for the Contract price of .....(name of currency<sup>1</sup>) .....(amount in figures and words) as corrected in accordance with Instruction to Bidder and/or modified by a Memorandum of Understanding<sup>2</sup>, is hereby accepted.

The adjudicator shall be ..... (name and address of the Adjudicator, if agreed)/shall be appointed by the Institute for Construction Training and Development (ICTAD)<sup>3</sup>.

You are here by instructed to proceed with the execution of the said Works in accordance with the Contract documents.

The Start Date shall be: ..... (fill the date as per Conditions of Contract).

The amount of Performance Security is:..... ( fill the date as per Conditions of Contract)

The performance security shall be submitted on or before ..... (fill the date as per Condition of Contract)

Authorized Signature: .....

Name and title of Signature: .....

Name of Agency: .....

# Standard Form of Agreement - SECTION III

## AGREEMENT

This AGREEMENT, made the.....[day] day of .....[month] 20.....[year] between .....[name and address of Employer] (hereinafter called “the Employer” of the one part, and .....[name and address of Contractor] (hereinafter called “the Contractor”) of the other part.

WHEREAS the Employer desires that the Contractor execute .....[name and identification number of Contract] (hereinafter called “the Works”) and the Employer has accepted the bid by the Contractor for the execution and completion of such Works and the remedying of any defects therein.

NOW THIS AGREEMENT WITNESSETH as follows;

1. In this Agreement, words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract hereinafter referred to, and they shall be deemed to form and be read and construed as part of this Agreement.
2. In consideration of the payments to be made by the Employer to the Contractor as hereinafter mentioned, the Contractor hereby covenants with the Employer to execute and completed the Works and remedy any defects therein in conformity in all respects with the provisions of the Contract.
3. The Employer hereby covenants to pay the Contractor in considerations of the execution and completion of the Works and the remedying of defects wherein the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.

IN WITNESS whereof the parties thereto have caused this Agreement to be executed the day and year aforementioned in accordance with laws of Sri Lanka.

The Common Seal of .....  
was hereunto affixed in the presence of : .....

Signed, Sealed and Delivered by the said .....  
in the presence of .....

Binding Signature of Employer .....  
Binding Signature of Contractor .....

### Performance Security- SECTION III

\_\_\_\_\_ [Issuing Agency's Name, and Address of  
Issuing Branch or Officer]

**Beneficiary:** \_\_\_\_\_ [Name and Address of Employer]

**Date:** \_\_\_\_\_

**PERFORMANCE GUARANTEE No:** \_\_\_\_\_

We have been informed that \_\_\_\_\_ [name of Contractor]  
(hereinafter called "the Contractor") has entered into Contract No \_\_\_\_\_  
[reference number of the contract] dated \_\_\_\_\_ with you, for the execution of  
\_\_\_\_\_ [name of contract and brief description of works] (hereinafter called "the Contract")

Furthermore, we understand that, according to the conditions of the Contract, a performance guarantee is required.

At the request of the Contractor, we \_\_\_\_\_ [Name of  
Agency] hereby irrevocably undertaken to pay you any sum or sums not exceeding in total an  
amount of \_\_\_\_\_ [amount in figures] (\_\_\_\_\_) [amount in words]  
upon receipt by us of your first demand in writing accompanied by a written statement stating that  
the Contractor is in breach of its obligation(s) under the Contract, without your needing to prove or  
to show ground for your demand or the sum specified therein.

This guarantee shall expire, no later than the \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_ [insert date, 28  
days beyond the Indented Completion Date] and any demand for payment under it must be received by  
us at this office on or before that date.

\_\_\_\_\_  
[signature (s)]

### Advance Payment Security – SECTION III

\_\_\_\_\_ *[Name and address of Agency, and  
Address of issuing Branch or officer]*

**Beneficiary:** \_\_\_\_\_ *[Name and Address of Employer]*

**Date:** \_\_\_\_\_

**ADVANCE PAYMENT GUARANTEE No:** \_\_\_\_\_

We have been informed that \_\_\_\_\_ *[name of Contractor]*  
(hereinafter called “the Contractor”) has entered into Contract No \_\_\_\_\_  
*[reference number of the contract]* dated \_\_\_\_\_ with you, for the \_\_\_\_\_  
Construction of \_\_\_\_\_ *[name of contract and brief description]*  
(hereinafter called “the Contract”).

Furthermore, we understand that, according to the conditions of the Contract, an advanced  
payment in the sum \_\_\_\_\_ *[amount in figures]* (\_\_\_\_\_) *[amount in words]*  
is to be made against an advanced payment guarantee.

At the request of the Contractor, we \_\_\_\_\_ *[name of issuing agency]* hereby  
irrevocably undertake to pay you any sum or sums not exceeding in total an amount of \_\_\_\_\_  
*[amount in words]* upon receipt by us of your first demand in writing accompanied by a written  
statement stating that the Contractor is in breach of its obligation in repayment of the Advance  
payment under the Contract.

The maximum amount of this guarantee shall be progressively reduced by the amount of the  
advance payment repaid by the Contractor.

This guarantee shall expire on \_\_\_\_\_ *[Insert the date, 28 days beyond the Intended  
Completion date]*

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

\_\_\_\_\_  
*[signature (s)]*

## Retention Money Guarantee – SECTION II

\_\_\_\_\_ [Issuing Agency's name, and Address of Issuing Branch or Office]

**Beneficiary:** \_\_\_\_\_ [Name and Address of Employer]

**Date:** \_\_\_\_\_

**RETENTION MONEY GUARANTEE No:** \_\_\_\_\_

We have been informed that \_\_\_\_\_ [name of Contractor] (hereinafter called "the Contractor") has entered into Contract No \_\_\_\_\_ [reference number of the contract] dated \_\_\_\_\_ with you, for the execution of \_\_\_\_\_ [Name of contract and brief description of Works] ( hereinafter called" the contract").

Furthermore, we understand that, according to the conditions of the Contract, when the works have being taken over and the first half of the Retention Money has been certified for payment, of the second half of the Retention Money may be made against a Retention Money guarantee.

At the request of the Contractor, we \_\_\_\_\_ [Name of Agency] hereby irrevocably undertaken to pay you any sum or sums not exceeding in total an amount of \_\_\_\_\_ [amount in figures] ( \_\_\_\_\_ ) [amount in words] upon receipt by us of your first demand in writing accompanied by a written statement stating that the Contractor is in breach of its obligation under the Contract because the Contractor has not attended to the defects in accordance with the Contract.

This guarantee shall expire, at the latest, \_\_\_\_\_ [insert 28 Days after the end of the Defects Liability Period] Consequently, any demand for payment under this guarantee must be received by us at this office on or before that date.

\_\_\_\_\_  
[ signature (s) ]

## **SECTION IV**

### **CONDITIONS OF CONTRACT**

*Instructions to bidders will be applicable for this Contract are those given in Section 3 of the Standard Bidding Document for Procurement of Works, ICTAD Publication No. ICTAD/SBD/01, Second Edition January 2007, published by the Institute for Construction Training and Development (ICTAD).*

# **SECTION V**

## **FORM OF BID AND QUALIFICATION INFORMATION**

- a. Form of Bid
- b. Qualification information

## FORM OF BID – SECTION V

*Note: Prior to issue of the bidding documents, the Employer should insert relevant data for all items marked with an asterisk (\*).*

Name of Contract: **Construction of proposed Baby pool and Roof structure for existing pool at Defence Service College.**

To: **Commander of the Sri Lanka Air Force**

Gentleman,

1. Having examined the Standard Bidding Document – Procurement of Works – Minor Contract [ICTAD/SBD/02 – Second Edition, January 2007], Schedule, Specification, 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 Condition of Contract, Schedule, 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/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 the Instruction to Bidders or any extended period and it shall remain binding upon us and may be accepted at any time before the expiration of the 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 – SECTION V

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

<b>ICTAD Registration</b>	
Registration number	(attach copies of relevant pages from the registration book)
Grade	
Specialty	
Expiry Date	
<b>Blacklisted contractors</b>	
Have you been declared as defaulted contractors 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>	(attach relevant status copies, as annex)
<b>Value of Construction works performed in last 5 years</b>	(attach copies of Certificate of Completion etc, and other documents such as profit-loss and income expenditure statement)
Year. . . . .	
Year. . . . .	
Year. . . . .	
Year. . . . .	
Year. . . . .	
<b>Value of similar works completed in last 10 years (indicate only the three largest projects)</b>	1. Value _____ Year . . . . . 2. Value _____ Year . . . . . 3. Value _____ Year. . . . . (attach copies of Certificate of Completion etc, as annex)

<b>Major items of construction equipment proposed</b>	1. type _____ Capacity.....  2. type _____ Capacity.....  3. type _____ Capacity.....  4. type _____ Capacity.....  5. type _____ Capacity.....
<b>Qualification and experience of key staff-Site &amp; Head Office (Permanent, Contract basis &amp; Consultants)</b>	Technical: 1.  2.  3.
	Managerial:  1.  2.  3.
<b>Other information requested under ITB Clause 4.1</b>	

# SECTION VI

## BIDDING DATA

Instructions to bidders

Clause reference

(1.1) The Employer is

Name: The Commander of the Sri Lanka Air Force

Address: No.140, Sir Chittampalam A. Gardiner Mawatha, Colombo 02.

The Works consists of **Construction of proposed Baby pool and Roof structure for existing pool.**

Located at **Defence Service College at Malay street Colombo 02**

(1.2) Intended Completion Date is **within 60** Days from the Start Date

(1.3) The officer for collection bid forms is the Assistant Command Procurement Officer Tenders, No 140, Sir Chittampalam. A Gardiner Mawatha, Colombo 02.

The non-refundable fee is Rupees 1,000/=

The Document pertaining to drawings will be issued until **07<sup>th</sup> August 2010 on 1500 hrs.**

(2.1) The source of funds is Government Democratic Socialist Republic of Sri Lanka.

(4.2) The registration required

**Specialty: Building**

**Grade : M-06/C-07 or Above**

(4.3) The following information shall be provided in Section 4:

\* ICTAD registration;

**Registration number:** .....

**Grade:**.....

**Specialty:**.....

**Expiry Date:**.....

\* VAT Registration number

\* Construction Programme

\* Legal Status (Sole proprietor, Partnership, Company etc.)

\* Total monetary value of construction work performed for each of the last five years;

\* Experience in works of a similar nature and size for each of the last ten years;

\* Major items of construction equipment proposed to carry out the Contract;

\* Qualifications and experience of key site management and technical personnel proposed for the Contract;

\* Any other

(4.4) Average of the annual volume of construction work performed in the last five years shall be at least **70.0 million** (state the amount)

\* Experience in the construction of at least one contract of a nature and complexity equivalent to the Works over the last 10 Years (to comply with this requirement, works cited should be at least 70 percent completed);\_\_\_\_\_

\* Following technical and managerial Staff;

- 1.
- 2.
- 3.

(9.1) Employer's address for the purpose of clarification is;

**Name & Address:**

**WMKSP WEERASINGHE**  
Group Captain  
Command Procurement Officer  
Sri Lanka Air Force  
No.140  
Sir Chittampalam A. Gardiner Mawatha  
Colombo 02.  
**Tel :** 011-2325468  
**Fax:** 011-2347694/2441554  
**E-mail:** [cpo@slaf.gov.lk](mailto:cpo@slaf.gov.lk)

**SMSP KOSWATTA**  
Wing Commander  
Assistant Command Procurement Officer  
Sri Lanka Air Force  
No.140  
Sir Chittampalam A. Gardiner Mawatha  
Colombo 02.  
**Tel:** 011-2441553  
**Fax:** 011-2441553  
**E-mail:** [acpot@slaf.gov.lk](mailto:acpot@slaf.gov.lk)

**BWDNM SAMARAKOON**  
Squadron Leader  
Tender & Contract Management Officer  
Sri Lanka Air Force  
No.140  
Sir Chittampalam A. Gardiner Mawatha  
Colombo 02.  
**Tel:** 011-2441553  
**Fax:** 011-2441553

(11.1) The language of the bidding documents shall be English.

(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.
- (14.1) Bidder is allowed to bid in foreign currencies for following items (bidders may be required by the Employer to clarify their foreign currency component included in the rates/prices are reasonable)
- (15.1) The Bid shall be valid up to **08<sup>th</sup> December 2010**.
- (16.1) **Option 1**  
Bid shall include a Bid Security in Section XI.  
Bid Security Declaration will not be accepted
- (16.2) Bid Security shall be:  
\* For an amount of **Rs. 105,000.00**  
\* Valid until **07<sup>th</sup> January 2011**  
\* Issued by an agency acceptable to Employer using the form for bid security (unconditional guarantee) included in Section XI, Standard Forms.
- (17.0) **Pre Bid meeting -venue No.140, Sir Chittampalam A. Gardiner Mawatha, Colombo 02. Date and time will be notified if necessary.**
- (19.2) The Employer's address for the purpose of Bid submission is  
  
Chairman Departmental Procurement Committee  
Sri Lanka Air Force  
No. 140  
Sir Chittampalam A. Gardiner Mawatha  
Colombo 02.
- (19.2) Contract name: **Construction of proposed Baby pool and Roof structure for existing pool at Defence Service College.**  
Contract no: **SLAF/WT/20/10/TB**
- (20.1) The deadline for submission of Bids shall be **08<sup>th</sup> September 2010 time 1100 hrs**
- (28.1) Not Applicable.
- (30.0) Not Applicable.
- (31.1) Not Applicable.
- (34.0) The amount of Performance Security is 5% of the Initial Contract price.
- (36.0) The Adjudicator proposed by the Employer is Secretary, Ministry of Defence, Public Security Law & Order of Sri Lanka Fees and types of reimbursable expenses to be paid to the Adjudicator shall be on a case to case basic and shall be shared by the Contractor and the Employer.

# SECTION VII

## CONTRACT DATA

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

- (1.1) The Employer is  
Name : The Commander of the Sri Lanka Air Force  
Address : No.140, Sir Chittampalam A. Gardiner Mawatha, Colombo 02.

Name of Authorized Representative: Command Procurement Officer, Command Procurement Division, No.140, Sir Chittampalam A. Gardiner Mawatha, Colombo 02.

Located at [Defence Service College Malay Street Colombo 02](#)

- (1.1) The Engineer is  
Name : Director Civil Engineering, Sri Lanka Air Force Headquarters, Colombo.  
Address : PO Box 594, Air Force Headquarters Colombo.

- (1.1) The Works consists of **Construction of proposed Baby pool and Roof structure for existing pool.**

*(Brief summary, including name, identification number, relationship to other contracts under the Project)*

- (1.1) The Site is located at [Defence Service College Malay Street Colombo 02](#)

- (1.1) The Start Date shall be 14 Days from the Letter of Acceptance.

- (2.3) The following documents also from part of the Contract:

1. \_\_\_\_\_
2. \_\_\_\_\_

- (8.1) Not applicable.

- (9.1) Schedule of Key Personal:

Minimum persons with qualifications and experience to be defined,

- (a) Technical

\_\_\_\_\_  
\_\_\_\_\_

(b) Manager

- \_\_\_\_\_
- \_\_\_\_\_
- (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 the Initial Contract value**.
  - The maximum deductible for insurance of the Works and of Plant and Materials is **5% of the Initial Contract value**.
- (b)
- The maximum cover for loss or damage to Equipment is \_\_\_\_\_
  - The maximum deductible for insurance of Equipment is \_\_\_\_\_
- (c)
- The minimum cover for insurance of other property (other than the Site) is \_\_\_\_\_
- (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 \_\_\_\_\_ per event
- (13.2) (a) The minimum cover for personal injury or death
- For the Contractor's workmen is \_\_\_\_\_ per event
  - Contractor's employees other than workmen is \_\_\_\_\_ per event
- (17.1) The indented Completion date for the whole of Works shall be within **60** days from the date of taking over the site.
- (21.1) The Site possession date shall be **14** Days from Letter of Acceptance
- (27.1) The Contractor shall submit a programme for the Works within **10** Days of delivery of the Letter of Acceptance.
- (27.3) The period between Programme update is **Three (3) weeks**.
- (27.4) Not applicable.
- (35.1) The Defects Liability Period is **180** Days.
- (39.2) Engineer may order variations up to a total of 10% of the Initial Contract Value.
- (44.1) Not applicable.
- (46.1) Not applicable.
- (47.1) The contract price is **not subjected** to price adjustment.
- (48.1) The retention from each payment shall be **10%** percent of the certified work done

The limit of retention shall be **5%** percent 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%** percent of the Initials Contract Price.
- (52.1) The Performance Security shall be **5%** percent of the Initials Contract Price.
- (58.1) Schedule of operating and maintenance manuals.
- (60.1) The percentage to apply to the value of the work of not completed, representing the Employee's additional cost for completing the Works, is **\_25% of the Initial Contract price.**

# **SECTION VIII**

## **BILLS OF QUANTITIES (BOQS)**

**(Attached Page 31 to 61)**

## **SECTION IX**

### **SPECIFICATIONS**

*Shall be purchased along with the drawings from the Command Procurement Division, Sri Lanka Air Force, No. 140, Sir Chittampalama A. Gardiner Mawatha, Colombo 02. (Opposite Cinnamon Lake Side Hotel) – If applicable only.*

## **SECTION X**

### **DRAWINGS**

*Shall be purchased along with the specifications (specifications if available only) from the Command Procurement Division, Sri Lanka Air Force, No. 140, Sir Chittampalama A. Gardiner Mawatha, Colombo 02. (Opposite Cinnamon Lake Side Hotel) – If applicable only.*

# **SECTION XI**

## **STANDARD FORMS (BID)**

- a. **Bid Security**
- b. **Performance Security**
- c. **Advance Payment Security**

## SPECIMEN FORM OF BID SECURITY

By this Bond we ..... (hereinafter called "the Bidder") and We (name of bank) whose registered office is at ..... (hereinafter called "the Surety") are held and firmly bound unto ..... (hereinafter called "the Authority") in the sum of ..... for the payment of which sum the Bid and the Surety bind themselves their successors and assigns jointly and severally by these presents.

Whereas the Authority has invited the Bidder and other persons to complete Bids in similar for the construction/supply and installation of ..... and works associated therewith (hereinafter called "the Works") and to submit the same for the consideration of the Authority, and the Bidder proposes to submit to the Authority a Bid (hereinafter called "the Bid") in accordance with such invitation, the Bond shall provide security to the Authority that the Bidder will honor certain obligation to be undertaken by him in the Bid in accordance with the following conditions.

### Now the Conditions of this Bond are :

- (1) that it shall remain in full force and effect until the earliest of
  - (a) (date), being ( ) days from (submission date), Bid guarantee No..... the date stipulated by the Authority for the submission of Bids, or any prolongation of such date above notified to the Authority by the Bidder and the Surety in writing;
  - (b) in the event of acceptance of the Bid by the Authority, the date upon which the Bidder provides a performance security to the Authority in accordance with the terms of the contract thereby made between them, or
  - (c) in the event of acceptance by the Authority of a Bid for the Works from a third party, the date upon which such third party provides the relevant performance security.
- (2) Subject to this Bond being in full force and effect, the Surety shall pay the full amount specified in this Bond upon receipt of first written demand from the Authority stating that.
  - (a) The Bidder has withdrawn his Bid during the validity of this Bond, or
  - (b) Bidder has not accept the correction to errors in accordance with the Instructions to Bidders.
  - (c) The Bidder has failed to provide a performance security to the Authority in accordance with the terms of the contract between them upon acceptance of the Bid.

No alteration in the terms of the Bid, nor any forbearance or forgiveness in or in respect of any matter or thing concerning the Bid on the part of the Authority, or any objection from the Bidder shall in any way release the Surety from any liability under this Bond.

The benefit of this Bond shall not be assignable by the Authority and upon its ceasing to be in full force and effect the Authority shall return the same to be Bidder.

This Bond shall be governed by the laws of Sri Lanka. I executed as a Deed this ( ) day of ( ) 200.....

For and on behalf of the Bidder .....

For and behalf of the Surety .....

Signed by .....

Signed by .....

In the capacity of .....

In the capacity of .....

and by .....

and by.....

In the capacity of .....

In the capacity of .....

Seal (where applicable)

Seal (where applicable)

**SPECIMEN FORM OF PERFORMANCE BANK GUARANTEE**  
**(UN CONDITIONAL)**

BOND NUMBER : ..... DATE: .....

SUM GUARANTEED: .....

To : The Commander of the Air Force, No 140, Sir Chittampalam A. Gardiner Mawatha, Colombo 02.

Whereas..... (name and address of CONTRACTOR) [hereafter called "the CONTRACTOR"] has undertaken, in pursuance of contract No..... dated.....to execute.....(name of contract)[hereafter called "the contract"];

And whereas it has been stipulated by you in the said Contract shall furnish you with a **Bank Guarantee** by a recognized **Bank** for the sum specified therein as security for compliance with his obligations in accordance with the Contract;

And whereas we have agreed to give the CONTRACTOR such a **Bank Guarantee**;

Now therefore we hereby affirm that we are the Guarantor and responsible to you, on behalf of the CONTRACTOR, up to a total of..... (Amount of Guarantee)..... (Amount in words), such sum being payable, in the types and proportions of currencies in which the contract price is payable, and we undertake to pay you, upon your first written demand and without cavil or argument, any sum or sums within the limits of ..... (Amount of Guarantee) as aforesaid without your needing to prove or to show grounds or reasons for your demand for the sum specified therein.

We hereby waive the necessity of your demanding the said debt from the CONTRACTOR before presenting us with the demand.

The guarantee shall expires, no later than the ..... day to ..... (28 days beyond the scheduled contract completion dale) and any demand for payment under it must be received by us at this office on or berate that date

Signature and the Seal of the Guarantor: .....

Name of the Bank : .....

Address : .....

Date : .....

Witness : .....

**SPECIMEN FORM OF ADVANCE PAYMENT SECURITY**

NUMBER .....

DATE .....

SUM GUARANTEED .....

To : [Commander of the Air Force] (hereinafter called and referred to as “the Employer”) Air Force Headquarters, No 140, Sir Chittampalam A Gardiner Mawatha, Colombo 02.

Name of the Contract .....

In accordance with the provisions of the conditions of contract, Sub – Clause 14.2 (Advance Payment) of the above mentioned contract .....

[Commander of the Air Force] Air Force Headquarters, No 140, Sir Chittampalam A Gardiner Mawatha, Colombo 02 (hereinafter called and referred to as “the Contractor”) shall deposit with the Employer a guarantee acceptable to the Employer to guarantee its proper and faithful performance under the said contract in and amount of .....  
(Amount of guarantee) ..... [Amount in words]

We, the ..... [the name and address of the organization], as instructed by the contractor, agree unconditionally and irrevocable to pay the payment to the Employer on its first demand in writing accompanied by a written statement stating that the Contract is in breach of its obligation under the Contract.

We further that no change or addition to or other modification of the terms of the contract or of the works to be performed there under or shall in any way release us from any liability under this guarantee, and we hereby waive notice or any such change, addition or modification.

No drawing may be made by the Employer under this guarantee until we have received notice in writing from the Employer that an Advance payment of the amount listed above has been paid to the Contractor pursuant to the Contract.

This guarantee shall expire; Insert the date, 28 days beyond the expected expiration date of the Contract.

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

Signature and the Seal of the Contactor;

Name of the Organization:

Address:

Date:

Witness:

**PROJECT : PROPOSED DEFENCE SERVICE COLLEGE –BABY POOL**

**EMPLOYER : COMMANDER OF THE SRI LANKA AIR FORCE**

**CONSULTANT  
ENGINEER/  
ARCHITECT : MUDITHA JAYAKODY ASSOCIATES  
CHARTED ARCHITECTS AND ENGINEERS.  
NO:- 212 ,MAIN HOSPITAL ROAD,KIRIBATHGODA**

## **A : GENERAL NOTES**

### **1. EXTENT OF WORK**

The extent of work as provided for in this Bills of Quantities shall consist of the following:

All work as specified in this Bills of Quantities for Proposed Defence Services College-Baby Pool and Roof Structure for Existing Pool at Malay Street, Colombo 02

### **2. MATERIALS**

All materials, equipments and accessories stated herein shall be the best of their kind and shall comply with the requirements of the relevant Standards, Specifications or equivalent where such exists. In all cases of permanent work specifications, model nos., makes etc., and other technical data shall be approved by the engineer/Consultant before an order is placed, and all materials, equipment, accessories and spares etc., supplied shall correspond in quality with the approved samples. The Engineer/Consultant will exercise the right to reject all such items not complying in quality with the standard of the approved items and all costs incurred by this rejection shall be borne by the Contractor. All such rejected items shall be removed from the site. The Contractor shall provide the necessary details to the Consultant/Engineer regarding the dates and sources of obtaining such items.

### **3. INSPECTION OF SITE**

Bidders are requested to visit the site to acquaint themselves with all existing conditions, and with the nature and extent of work to be done under this contract as no extras will be allowed on the plea of want of information due to neglect of their part in this regard.

### **4. TRADE NAME**

Where trade names, brands and/or catalogue numbers are referred to, sole preference to any material, equipment and accessories is not intended. Any other materials equipment and accessories or equivalent may be used provided that the characteristics of type, quality, appearance and finish, method of Construction and/or performance is not less than specified and provided also that the approval is first obtained.

## **5 RATES**

Unless otherwise measured separately rates for all items shall also be inclusive of the following:

1. Providing samples, tests, specimens etc., for such items of work as required by the Consultant. /Engineer
2. All handling, loading and unloading of materials, equipments, accessories and spares whether specifically mentioned or not in the respective items.
3. All cost of mobilization and demobilization
4. All necessary scaffolding
5. All temporary work as require
6. Providing bonds and guarantees
7. Temporary works
8. Construction management
9. All taxes, levies
10. Plant and equipments
11. All cutting wastes and breakages
12. Protection of work
13. Protection of materials
14. Safety measures at site
15. Stamp duty
16. Payment to ICTAD and other authorities

## **6. ANALYSIS OF RATE**

Bidder shall submit an analysis of rates for any item or items if called upon to do so by the Consultant in the event of a dispute. The Consultant's/Engineer's assessment shall be the final.

## **7. SAMPLES**

Rates of all items shall be inclusive of providing specifications, model nos., maintenance manual, makes, technical information, catalogue and literature, when requested by the engineer/Consultant for approval. No extra payments will be allowed for submission of the same.

## **8. NATURE OF THE WORK**

Bidders are strictly advised to inspect the site and acquaint themselves regarding:

- (1) Extent and nature of the work to be done.
- (2) Site conditions.
- (3) Storage facilities etc.,
- (4) Transport facilities etc.,
- (5) Weather conditions in the area.
- (6) Limitation of working time
- (7) Transport and handling materials etc., and
- (8) Security and limitation due to security conditions
- (9) Status of areas adjoining to work.
- (10) Access to the site.
- (11) Status of existing structures

## **9. DIMENSIONS**

All the dimensions for the items stated in this Bills of Quantities, drawings or specifications should be checked at the site by the Contractor prior to commencing all such work. In the event of any discrepancies, the Contractor is advised to inform the Engineer/Consultant for necessary instructions.

## **10. ELECTRICITY**

It would be the Contractor's responsibility to ensure a continuous supply of electricity for the works during the work and internal wiring, necessary equipment etc.,

## **11. WATER**

It would be the Contractor's responsibility to ensure a continuous supply of water for the works during the construction period.

## **12. PRELIMINARIES**

A list of general preliminary items is given in this Bills of Quantities. The bidder shall include their prices for total preliminary work in their quote.

### **13. VALUE ADDED TAX (V.A.T)**

Unit rates shall not include Value Added Tax. (V.A.T.) The bidder shall provide his estimated V.A.T. component separately together with the detail calculation at the bid summary as shown.

The Employer shall pay V. A. T. to the Contractor on submission of his invoice based on the payment certificates issued by the Engineer/Architect/Consultant

### **14. WORK PROGRAMME AND SITE PERSONNEL**

The Bid shall submit a detailed method statement, programme of work and list of site personnel along with the bid.

### **15. DETAIL DRAWINGS**

Any additional detail drawings issued to the contractor to assist him in his work during the course of construction shall not constitute a variation if it is given for purposes of clarity.

### **16. LIAISON WITH LOCAL AUTHORITIES**

Prior to taking possession of the site the contractor shall discuss and make arrangements with all Local Authorities involved about traffic, security services and other related matters.

### **17. DISTURBING OPERATION**

Prior to foreseeable and planned possible disturbing operations, the Contractor shall discuss the same with the Employer. Claims will not be considered if this has not been done.

### **18. POISONOUS GASES**

In case the contractor carries out work in enclosed areas with materials which give off poisonous gases the contractor shall not only provide means of adequate mechanical forced ventilation in such areas at his expense, but also arrange for suitable protection of the Labour force involved.

### **19. LIST OF DRAWINGS**

As attached herewith.

## **20. ESTIMATED QUANTITIES IN THE BILL OF QUANTITIES**

Quantities in the Bill of Quantities are estimated and shall not be considered as accurate for the purpose of procurement of materials and for the quantity of work to be carried out as per the drawings

## **21. METRIC AND IMPERIAL CONVERSION**

Where ever imperial and /or metric units has been referred, it shall be considered with correct conversion from one to other as relevant

## **22. SITE SAFETY**

The Contractor shall follow site safety procedures to the satisfaction of the Engineer and responsible for safety of all personnel at site permanent and visiting and public

## **23. MEASUREMENTS OF QUANTITIES FOR PAYMENT**

All quantities of work done shall be measured net.

## **24. STAMP DUTY**

The Bidder shall include stamp duty in his bid sum

## **25. PAYMENTS TO ICTAD AND SIMILAR AUTHORITIES**

The Bidder shall include any payments to ICTAD and other similar authorities in his bid sum

**END OF GENERAL NOTES**

## **B – PRICING PREAMBLES**

### **FIRE PROTECTION, DETECTION & FIGHTING SYSTEM**

Rates shall include for supply, installation, commissioning and maintaining of the following items according to drawings, specifications and complete to working order with all connections to the approval of the Engineer, Fire Department and other relevant authorities.

It is the Contractor's responsibility to obtain approval from relevant fire authorities wherever necessary, before and after installation of items in this trade.

Rates for all pipes shall include for all pipe supports, hangers, saddles, brackets, screws, nails, tees, bends, sockets, reducers and the like and fixing material, cutting holes and chases in concrete/ brick/ block work, etc., any builders work require and making good in all trades unless Otherwise measured separately.

All valves shall be Hatter sly, Crane or equivalent.

All pipes in and out to the building shall have flexible connection to Accommodate moment due to any structural settlements to avoid any cracks.

**PROPOSED BABY POOL AND ROOF STRUCTURE FOR EXISTING POOL AT DEFENCE  
SERVICES COLLEGE AT MALAY STREET, COLOMBO 02.**

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
<b>C</b>	<b>BILL NO 1-PRELIMINARIES</b>				
	<b>PRELIMINARIES</b>				
	<b>Temporary accommodation -</b>				
<b>1</b>	The contractor shall allow for all temporary accommodation including offices, stores Confining himself to the areas included in the drawings. (labour accommodation inside the building area will not be allowed)	Item	1.00	Available	Available
<b>2</b>	Allow for maintenance of contractor's office and , stores	Mths	2.00	Available	Available
<b>3</b>	<b>Engineer's Office</b> Allow for construction and furnishing an air conditioned site office for Engineer/Consultant's and Engineer's /Consultant's staff not less than 20.0 m2 and having facilities for app. 4 persons with drawing racks, tables, meeting table, 10 people chairs, water filter, lockable cupboards, including other necessary furniture and sanitary facilities.	Item	1.00	Available	Available
<b>4</b>	Allow for providing a P4 pentium computer with a laser printer ( for Engineer/Consultant's office)	Item	1.00	Available	Available
<b>5</b>	Allow for shifting as necessary and maintaining the Engineer's site office with sanitary facilities including maintaining and stationery etc	Mths	2.00	Available	Available
<b>6</b>	Allow for maintenance of computer including servicing periodically with all necessary stationary and other consumables to the satisfaction of the Engineer and with out any scarcity of necessary stationery	Mths	2.00	Available	Available
<b>7</b>	Allow for providing telephone and fax facilities and e mail connections to Engineer's office	Item	1.00	Available	Available
<b>8</b>	Allow for maintaining telephone and fax facilities in Engineer's office	Mths	2.00	Available	Available
	<b>Sanitary facilities -</b>				
<b>9</b>	Allow for providing sanitary facilities to the contractor's staff and workers	Item	1.00	Available	Available
<b>10</b>	Allow for maintenance of sanitary facilities	Mths	2.00	Available	Available

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
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**Setting out-**

- 11 Allow for employ a Licensed Surveyor to define the building site works etc., and check the layout and all levels and other such surveys as may be necessary to establish accurately the placing of forms and pouring of concrete and all other works and setting out in both vertical and horizontal plane. All survey marks and pegs shall be clearly identifiable with accurate records kept on site by the Contractor and that must be related to "Bench Marks".

In this regard the Contractor must maintain accurate survey instruments on the site at all times for any checking of levels that the Engineer or his representatives may desire to check the easy relationship to the Survey Markings and the Bench Marks or Datum established especially for the construction of the works. The Contractor shall obtain a statement when the work has substantially begun, signed by the Licensed Surveyor certifying the correct setting out of the works and accuracy of level etc., in accordance with the drawings and such other additional statements to suit the various stages of construction of the proposed works.

Item 1.00

**Telephone facilities**

Contractor is allowed to use one telephone line and all details to be supplied to the Engineer prior to obtaining connections. Contractor and staff shall not be allowed to use mobile phones within the premises

Note

- 12 Allow for providing one telephone and fax facilities to the contractor's office.

Item 1.00

- 13 Allow for maintenance of telephone and fax facilities including payment of bills.

Mths 2.00

**Water-**

The Contractor shall be allowed to tapped water connection from the existing the connection line with meter.

Note

- 14 Allow for maintaining the temporary water supply during the Construction including adequate storage, distribution system for the work, internal arrangements and all payment to the authorities

Mths 2.00

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	<b>Electric Light and Power-</b> The Contractor shall be allowed to tapped the electric power form existing supply with meter point. Point of connection shall be decided by the Engineer.	Note			
15	Allow for maintaining electricity connection including distribution system for the work, internal arrangements and all payment to the authorities during the construction period	Mths	2.00		
	<b>Drawings -</b>				
16	Allow for submission of as built drawings (3sets) and manuals in triplicate covering all services networks installed by them on completion to the approval of the Engineer/Architect	Item	1.00		
17	Allow for submission of shop drawings in triplicate for Architects approval without additional charge and within the contractual programme of work as necessary for the approval of the Engineer/Architect.	Item	1.00		
	<b><u>Insurances/ Bonds -</u></b>				
18	Allow for providing contractor's all risk insurance policy equivalent to contract sum +10% and third party liability equivalent to RS. 10,000,000.00 per event (excluding civil riots and terrorists activities).	Item	1.00	Deleted	Deleted
19	Allow for contractor's workmen compensation insurance cover (Workmen compensation insurance cover to be provided for all permanent, temporary and subcontractor's workers )	Item	1.00	Deleted	Deleted
20	Allow for accident insurance cover for Rs. 1,000,000.00 for Engineer, visiting and resident, Engineer's representatives and special consultants.	Item	1.00	Deleted	Deleted
21	Allow for submission of performance bond (10% of Contract Sum)	Item	1.00	Deleted	Deleted
22	Allow for submission of advance payment guarantee	Item	1.00	Deleted	Deleted
23	Allow for any payments to CIGF and similar authorities	Item	1.00	Deleted	Deleted

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	<b>Limitations and Restrictions-</b>				
24	The working space will be strictly confined to the areas detailed. The contractor nor his subcontractors will be allowed enter other areas directly. The contractor and his employees shall not use any portion of premises nor any of the buildings not handed over to the contractor without the written approval of Engineer.				
		Note			
	<b>Maintain existing services-</b>				
25	Establish the positions of protect, uphold and maintain all water supply pipes, ducts, sewers & waste pipes, service main lines. The contractor shall make good any damage due to any cause within his control at his own expense and shall cover with insurance adequately	Item	1.00		
	<b>Programme and progress charts-</b>				
26	The civil Contractor shall provide outline time table with dates for the main sub sections and items of works and indicate the specific time periods for speciliest nominated suppliers and contracts including starting time and finishing thyme among with the tender. This programme shall be in the form of Bar Chart and should be given dare consideration for Holydays.				
		Note			
27	At every fortnight the contractor shall submit a progress chart showing the actual progress against planned programme.				
		Note			
	<b>Photographs-</b>				
28	Contractor shall not allowed to use cameras/Video within the premises without written approval of the Employer				
		Note			
29	Contractor will be required to issue names and Identity Card of the all employees and obtain permission from security. No person will be allowed to enter in to the premises with out				
		Note			
30	Allow for any other work ( to be specified in detail if quoted under this item)	Item	1.00		

**TOTAL FOR BILL NO 1-PRELIMINARIES CARRIED TO TENDER  
SUMMARY**

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ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
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**Bill 2 - BABY POOL & POOL DECK**

**A EXCAVATION AND EARTH WORK**

The tenderers are requested to refer the General Notes, Pricing Preambles, Drawings, Specifications, Conditions of Contract, Special Conditions of Contract and all other relevant documents prior to pricing of the following items.

Note

The rates shall include for bringing all required plant and machinery, maintaining the same in good working order and removal of the same on completion

Note

Rates shall include for any excavation for any working space and all necessary back filling work as required by the contractor.

Note

Dewatering and earth work supports has been measured separately.

Note

The tenderer shall submit the following information together with their quote.

- (a) Detail of substructure specialist contractor. (if applicable)
- (b) Method of excavation.
- (c) Equipment with details of capacities proposed for excavation and removal of earth.
- (d) Method of dewatering
- (e) Details of temporary work
- (f) Method of earth retaining system and details of equipment to be used.

Note

The tenderer is requested to check ground water level and soil investigation report, limitation of transport, limitation of site, conditions of the existing road for possibility of transportation of heavy vehicles and equipment etc., Prior to pricing this section of work.

Note

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	The contractor shall arrange and obtain necessary permission from Authorities for disposal and dumping of earth.	Note			
	Contractor shall provide due protection to avoid any damages to temporary work and new or old structures and services during excavation.	Note			
	Rates shall include for removal and disposal of any obstructions, such as artificial structure and rock boulders etc., during excavation if encountere	Note			
	A Provisional sum has been allowed for any test for identification of any existing services such as water, sewer, gas, telephone, electricity, storm water etc. underground, crossing the site	Note			
	A Provisional sum has been allowed for diversion of any existing services such as water, sewer, gas, telephone, electricity, storm water underground and/or overhead, crossing the site.	Note			
	<b>Clearing Site</b>				
1	Removing of existing turfing and debris away from the site	Item	1.00		
2	Making good of removed turfing area to match with the existing turfing as per the architects instruction.	Item	1.00		
	<b><u>Excavation</u></b>				
	Excavation not exceeding 1.0 m deep from existing ground level except rock requiring blasting part return fill in if necessary and compact bottom of excavation, rammed, disposal of excavated material as directed in the following.				
3	For swimming pool	m3	53.00		
4	For pool fence foundation	m3	4.00		

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
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**Earthwork Supporting System**

**(Self Standing)**

Earth work retaining system, self standing type at perimeter to a required height in relation to the slope of the land and suite to the nature of this project. Rate shall include for filling any gap with concrete grade 15 and sand if necessary around the lower ground floor retaining wall side in the following.

5	Earth work support for sides of swimming pool excavation in an approved method	m2	22.00		
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**Hard Earth Filling**

Well compacted approved imported earth filling free from any organic materials, in layers of 225mm in the pool deck areas.

		m3	8.2		
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**TOTAL FOR EXCAVATION AND EARTH WORK CARRIED TO SUMMARY OF BILL NO -02**

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ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
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**B CONCRETE WORK**

**CONCRETE**

Tenderers 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.

Note

**Concrete**

Contractor shall not cause any damage direct or consequential to the new structure during carrying out the work detailed in "Concrete Work" trade and he shall at his own expense, make good any damage caused to them, arising directly and/or indirectly out of his fault and/or negligence and/or failure to take precautionary measures to avoid such damage.

Note

All concrete shall be so cast as to receive **fair face finish** on it's exposed faces suitable receive paint/sealer directly .Any poor quality finish on removal of form work to be rectified with out any cost to the Employer.

Note

All Concrete Works shall comply to the specifications, filled into formwork and well packed around reinforcement

Note

All concrete works shall be **Grade 25** ready mix unless otherwise specified in the drawings and specifications

Note

Concrete works for foundation, sump and column shall be **Grade 35** ready mix as specified in the drawings and specifications.

Note

All lean concrete works shall be **Grade 15** as specified in the drawings and specifications.

Note

All Reinforcement unless otherwise specified shall be rod reinforcement and free from rust, mill scale, dirt, grease, or any other substance organic and/or giving specified strengths intended by the Engineer

Note

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	Rate for concreting columns, walls shall include for kickers.	Note			
	<b><u>Measurement of Slabs &amp; Walls</u></b>				
	Slab concrete include that part of beam to a depth of largest adjacent slab thickness.	Note			
	<b><u>Measurement of Columns &amp; Beams</u></b>				
	Contractor shall ensure that all contacting surfaces including reinforcement dowels left out for bonding purposes is free from any organic or artificial material which can be a hindrance to achieve specified properties in the Drawings and Specifications.	Note			
	Rates for lean concrete shall include for preparation of bottom of excavation prior to pouring of lean concrete.	Note			
	Rates for formwork shall include for control joints, construction joints, isolation joints wherever specified and required according to the drawings and	Note			
	All ready mix design to be submitted for prior approval of the Engineer. The tenderer shall indicate his probable ready mix suppliers and their details with the tender. Tenderer also shall submit probable kind/manufacture of cement proposed to be use	Note			
	Rate of concrete for floor slabs shall include for hand trowel finish to slab surfaces wherever specified to the satisfaction of the Engineer.	Note			
	Rates for concrete shall include all necessary tests by an Institute/Authority acceptable to the Engineer.	Note			
	All concrete shall be ready mix unless allowed by the Engineer.	Note			

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
<u>50 mm thick G 15 mass concrete in the following</u>					
1	50 mm thick screed concrete under base slab of swimming pool	m2	55.50		
2	50 mm thick screed concrete under pool deck	m2	35.60		
3	50 mm thick screed concrete under pool fence foundation	m2	13.00		
<u>Grade 25 Reinforced Cement Concrete in the following</u>					
4	Pool deck 125 mm thick	m3	4.50		
5	Pool fence foundation	m3	5.20		
<u>Reinforced cement concrete grade 35 A in the following:</u>					
6	Pool base slab	m3	14.00		
7	Pool walls	m3	4.00		
8	Average 25 (0-50) mm thick chip concrete leveling screed on base slab sloped towards the outlet/collecting pit	m2	42.00		
<b>FORM WORK</b>					
9	Pool deck edge	m2	5.00		
10	Pool fence foundation	m2	39.00		
11	Pool base slab edge	m2	7.60		
12	Pool walls internal/ external	m2	52.00		

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
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**REINFORCEMENT**

High yield Tor Steel and mild steel reinforcement bars in the following.

13	Pool deck edge	t	0.68		
14	Pool fence foundation	t	0.39		
15	Pool base slab edge	t	2.1		
16	Pool walls internal/ external	t	0.6		

**Miscellaneous**

17	Water bar - 3 mm thick G.I. Plate in pool area	m	30		
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Making opening

18	Making opening for conection for new pool service connection to existing poolstructure where necessary and making good (plumbing services)	Item	1		
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**TOTAL FOR CONCRETE WORK CARRIED TO SUMMARY OF BILL NO 2**

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ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
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**C WATER PROOFING**

Tenderers 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.

Note

Water proofing work to be carried out by a specialist waterproofing sub contractor. The contractor shall submit a 10 year guarantee for material and workmanship in the name of the Employer for waterproofing system in an internationally accepted format.

Note

The tenderer shall submit the most suitable water proofing system as specified to suit for different surfaces at location technically acceptable to the

Note

The tenderer shall submit the following technical details along with the tender.

Note

- (a) Type of waterproofing.
- (b) Brand name.
- (c) Country of origin.
- (d) Method of application.
- (e) Detail of guarantee (format)
- (f) Suitability to the nature of the surfaces of particular location.
- (g) Technical literature

Note

- 1** Levelling screed average 25 mm(0-50) thick in chip concrete mix cast monolithically with the slab concrete laid to slopes in pool.

m2 77.00

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
2	Provide "Barra Emsllsion 57 D" or equivalent to all construction joints water proofing treatment to internal slab and walls (horizontal vertical) in pool .	m2	77.00		
	1000 guage polythene membrane with adequate laps at bottom of the following-				
3	Pool base	m2	55.50		
4	Pool deck	m2	35.60		
5	Allow for water proofing for opening of existing structure as per Engineer's insruction	Item	1.00		
<b>TOTAL FOR WATER PROOFING WORK CARRIED TO SUMMARY OF BILL NO 2</b>					<hr/> <hr/>

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
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**D METAL WORK**

Supply and install pool fence (min. 1200 mm high) with Poles @ every 1200 mm - internally reinforced T6 marine grade aluminium with approved powder coating (micron) color, mesh - stainless steel covered with Teflon (polytetrafluoroethylene) fixed with high density polyethylene sleeves and stainless steel screws and 2 nos of 900 mm wide Lockable gates. Rate shall include for all necessary work as per detail drawing

m 43.00

**TOTAL FOR METAL WORK CARRIED TO SUMMARY OF BILL  
NO 2**

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ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
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**E FLOOR AND WALL FINISHES**

Tenderers 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.

Note

**Floor finishes**

**1** Ceramic floor tiles in an approved manufacture,size100 mm x 200 mm , [QFC S04 - Light blue ]qualityand design laid to a pattern including 20 mm thick 1:3 cement sand bedding and grout to match the colour of tiles in pool base.

m2 42.00

**2** Ceramic floor tiles in an approved manufacture,size 100 mm x 200 mm , flat tile [Y2C SHPP 440 PY 362 ] colour , quality and design laid to a pattern including 20 mm thick 1:3 cement sand bedding and grout to match the colour of tiles in pool deck

m2 40.20

Ceramic floor tiles in an approved manufacture,size 100 mm x 200 mm , [Y2C SHPP 441 PY 362 ] quality and design laid to a pattern including 20 mm thick 1:3 cement sand bedding and grout to match thecolour of tiles in followings.

**3** Edge tiles at grating

m 14.00

**4** Edging tiles

m 14.00

Ceramic floor tiles in an approved manufacture,size 100 mm x 200 mm , [Y2C SHPP 440 PY 362 ] quality and design laid to a pattern including 20 mm thick 1:3 cement sand bedding and grout to match the colour of tiles in followings.

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
5	Flat tile in the drain	m2	16		

**Wall finishes**

Rates for plastering between different surfaces shall include for spandex metal lathing to avoid any cracks between different surfaces.

Note

**Wall tiles**

- 6 Ceramic wall tiles in an approved manufacture, size 100 mm x 200 mm , [QFC S04 - Light blue ] , quality and design laid to a pattern including 20 mm thick 1:3 cement sand bedding and grout to match the colour of tiles in pool wall.

m2 16.00

**TOTAL FOR FLOOR AND WALL FINISHES CARRIED TO SUMMARY OF BILL NO 2**

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ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
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**F SWIMMING POOL PIPE WORK,MECHANICAL EQUIPMENT, FITTING AND ACCESSORIES**

The tenderer shall requested to refer the Preamble notes, General notes, Drawings, Specifications, Condition of contract, Special condition of contract and other relevant document prior to pricing of the following items. The tenderer shall provide all dimensions, and technical information, of all builders work to the Engineer/Consultant in accordance with the programme of work.

Note

The tenderer shall submit complete technical details of the selected equipments.

Tenderer should provide one year free maintenance period

All pool equipment shall be from a reputed manufacture and to provide guarantee

**Swimming pool pipe work**

**1** Allow for all necessary piping, valves and all other fittings and accessories for conection for existing water supply line to new pool.

Item 1.00

**2** Allow for all necessary piping, valves and all other fittings and accessories for conection for existing pumping system with new baby pool plumbing system

Item 1.00

Supply the following swimming pool accessories to make Certikin-UK or equivalent

**3** 200 mm x 200 mm grill type main drain

nr 1.00

**4** 50 mm dia pool inlets

nr 2.00

**5** 50 mm dia vacuum point

nr 1.00

**6** Supply and installation of under water pool lightswith transformers comply to IP 68 rating 300 W/12 V including wiring from existing distribution board.

nr 2.00

**7** Supply and installation of two step stainless steel pool ladder. Make Procoply - France or equivalent.(**AISI304**)

nr 2.00

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	Supply the following pool maintenance equipment.				
8	Pool brush. Make Procoply - France or equivalent	nr	1.00		
9	Algae brush. Make Procoply - France or equivalent	nr	1.00		
10	Supply and installation of Vacuum head, 6-8 wheel with brush . Make Fairlocks - UK or equivalent	nr	1.00		
11	Supply and installation of 10 m length, 50 mm dia vacuum hose, Make Procoply - France or equivalent	Item	1.00		
12	Supply and installation of telescopic Handle Make.Procopy - France or equivalent	nr	1.00		
13	Supply and installation of digital display PH meter	nr	1.00		
14	Supply and installation of HDPE Grating (Rigid PVC grating - black) in both sides of the pool	m	14.00		
15	Supply and installation of 63 mm dia. type 1000 uPVC pipes	m	50.00		
16	Supply and installation of 90 mm dia. type 1000 uPVC pipes	m	20.00		
17	Supply and installation of 63 mm Gate / Globe valves	nr	4.00		
18	Supply and installation of 32 mm internal diameter 30m length heavy duty rubber hose	Item	1.00		
19	Allow for testing commissioning and handing over the system	Item	1.00		
<b>TOTAL FOR SWIMMING POOL PIPE WORK,MECHANICAL EQUIPMENT, FITTING AND ACCESSORIES CARRIED TO SUMMARY OF BILL NO 2</b>					

**BILL NO 2- BABY POOL & POOL DECK**  
**SUMMARY**

<b>TRADES</b>		<b>AMOUNT(RS.)</b>
<b>A</b>	<b>EXCAVATION AND EARTH WORK</b>	
<b>B</b>	<b>CONCRETE WORK</b>	
<b>C</b>	<b>ASPHALT WORK (WATER PROOFING</b>	
<b>D</b>	<b>METAL WORK</b>	
<b>E</b>	<b>FLOOR AND WALL FINISHES</b>	
<b>F</b>	<b>SWIMMING POOL PIPE WORK, MECHANICAL EQUIPMENT, FITTING AND ACCESSORIES</b>	
<b>TOTAL FOR BILL NO 2-BABY POOL CARRIED TO TENDER SUMMARY</b>		<b>RS</b>

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	<b>BILL NO 3-DAY WORKS</b>				
	<b>DAY WORKS</b>				
	The Contractor is required to include the following provisional quantities of labour, materials and plant to be executed as Dayworks for the purpose of ascertaining the cost of works where work cannot otherwise be properly measured and valued.				Note
	The total value of this section as priced by the Tenderer will be deemed Provisional under the terms of this Contract				Note
	The Daywork sheets shall be numbered and fully describe the instructions to which they refer and shall be summarized and submitted to the Engineer for verification, not later than the end of the week following that in which the work has been executed or earlier if the Engineer so directs. The Contractor shall arrange for signed copies of the daywork sheets to be returned to him by the Engineer. A signed copy of the day work sheet should then be fully priced out and sent to the Engineer within 14 calendar days of the work being executed				Note
	Except in cases of prior agreement, any decision with regard to payment on a Daywork basis for any variation shall be made by the Engineer				Note
	<b>Rates</b>				
	All day work rates shall be basic rates including any working out side normal working hours (overtime)				Note
	<b>Overheads</b>				
	The term overheads and profits (Percentage additions on the basic cost) applicable to labour, materials and plant shall be included as indicated				Note
	<b>Labour rates</b>				
	The Contractor shall quote the rate he requires for his labourers and craftsmen in the following schedule and extend the rate by the hours stated. <b>The rate quoted shall not be included overheads and profit (Percentage additions to be quoted on the basic cost separately for the same as allowed)</b>				Note

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	Labour with provisional number of hours Rates per hour shall be basic rate per hour				Note
	<b>Labour rates</b>				
	Labour with provisional number of hours Rates per hour shall be basic rate per hour				Note
1	Labourer- un skilled	hours	10		
2	Labour -skilled	hours	10		
3	Labour ganger -supervisor	hours	5		
4	Bar bender	hours	10		
5	Mason	hours	10		
6	Carpenter/Joiner	hours	10		
7	Plumber/Pipe fitter	hours	10		
8	Plasterer/Tile fixer	hours	10		
9	Painter	hours	10		
10	Transport Driver	hours	5		
11	Crane Driver	hours	2		
12	Plant Operator	hours	2		
13	Electrician	hours	10		
14	Fitter Duct work	hours	5		
15	Aluminium fabricator	hours	5		
	<b>Materials</b>				
16	Tor steel	Kg	25		
17	Mild steel	Kg	25		
18	Cement (50 kg)-Brand.....	Bag	1		
19	External paint - Sealflex or equivalent	Ltr	4		
20	Internal Paint - Master palat or equivalent	Ltr	4		
21	Enamel paint - CIC or equivalent	Ltr	4		
22	Brick (1000 nr)	Item	1		

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
23	Plywood 12mm thick-8'x4' marine	nr	1		
24	Plywood 16mm thick-8'x4' marine	nr	1		
25	Slaked lime (40 kg)	Bag	1		
26	25mm aggregate	Cube	1		
27	20mm aggregate	Cube	1		
28	DPC bitumen	Ltr	1		
29	1000 gauge polythene	Kg	1		
30	River Sand	Cube	1		
31	Washed Sea Sand	Cube	1		
	<b>Plant</b>				
32	Air compressor (250 cubic feet) any type of drive, including fuel, water, all consumable stocks, spares, hoses and jack hammers	hours	5		
33	Ditto -(125 cubic feet)-do	hours	5		
34	Concrete mixer, closed drum with hopper any type of drive, fuel and all consumable stocks and spares, capacity 7/5	hours	5		
35	Ditto capacity 10/7 -do	hours	5		
36	Dumper including fuel, all consumable stocks and spares, capacity 0.5 cubic yard.	hours	5		
37	Motor lorry, including fuel, all consumable stocks and spares, capacity 3 ton tipper.	hours	5		
38	Tower crane, 3 phase, 30 m radius 10 tone load at maximum radius	hours	.		
39	Lorry mounted mobile crane, 150 ton capacity including fuel all consumable stocks, and spares	hours	.		
40	1 ton pick up truck including fuel all consumable stocks,	hours	5		
41	Welding machine including all consumable stocks and spares single operator 400 amps	hours	5		

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
42	Excavator (capacity.....) including-do-	hours	10		
43	Tractor + trailer including -do-	hours	10		
44	Shovel (capacity...) including -do	hours	.		
45	Mortar Grader (capacity.....) including -do	hours	.		
46	Bowers (Capacity.....lt) including -do	hours	.		
47	Jack hammer (capacity.....)-including -do	hours	10		_____
<b>Total Basic Cost for Labour, Material and Plant</b>					_____
<b>ADD-</b>					
49	Allow for percentage addition to the basic cost of Labour,Material and Plant to cover attendance, overheads and profit (Add: .... % on Basic cost)	Item	1		_____
<b>TOTAL BILL NO 3- DAY WORKS CARRIED TO SUMMARY</b>					=====

