**TENDER FOR DEMOLITION WORKS, CONSTRUCTION WORKS AND OTHER CIVIL WORKS AS PART OF ERDF PROJECT ERDF.05.121 – WILDLIFE REHABILITATION CENTRE**

**ERDF.05.0121 – Tender 005**

## TENDERER’S TECHNICAL OFFER (Note 3)

***N.B. The Key Experts Form (including Self-declaration form for Key Experts and the Statement re Exclusivity and Availability) are under Note 2A whereas the Literature is under Note 2B. Any other components of the technical offer are under Note 3.***

In response to Section 1, Article 7 (C) (i), Prospective bidders are requested to submit a Technical Offer in response to the specifications outlined in Section 4 of the Same tender Document. This shall include a method statement about how the bidder intends to carry out the works. In this regard, bidders are invited to use the present document to provide the required information, and serve as a checklist of all the documents they intend to submit. Without prejudice, nothing precludes bidders from using an alternative document, provided all the information requested below is provided. However, the submission shall be in a structured form and is to be in the same sequence as provided for ease of reference and evaluation

# NB – All supporting documents necessary (including the manufacturer’s Technical Literature) are listed in the Literature List. Bidders are advised to submit any Technical Literature with the offer.

**Question 1**

**How does the bidder envisage to carry out the works envisaged in the tender document?**

NB: Bidders should provide a brief methodology about how they intend to carry out the different works identified in Section 4.2 of the tender document. The methodology shall also look into the drafting of the different method statements, how they will inform operations and the safety measures they will be taking.

**Question 2**

**How does the bidder envisage to ensure quality control in line with the different standards identified in the Technical Specifications?**

NB: Bidders should outline how they will be ensuring the quality of the works to be carried out, in particular, but not limited to, the quality of the concrete used and the laying of such concrete. Inter alia they should advise on the role of their key experts, including the architect, as well as any external certifying bodies.

For all questions above, the reference to the any materials and/or equipment coating shall be used with specific reference to the literature provided.

**Question 3**

Which lab does the bidder intend to use to carry out testing as per clause 4.63.8?

**Question 4**

The Bidder is to fill in the following Gantt Chart to indicate when and how each activity is to be carried out. Within the five month period allowed as Execution of the Contract as per Special Conditions. Bidders are asked to indicate sub-tasks as necessary. The Gantt Chart is split in Weeks, and covers 26-weeks

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Weeks** | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** | **10** | **11** | **12** | **13** | **14** | **15** | **16** | **17** | **18** | **19** | **20** | **21** | **22** | **Comments** | | | |
| **Excavation and Clearing Works** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | | |
| Remove floor finishes, steel elements |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | | |
| Demolish existing reinforced concrete slabs and beams |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Trimming of any existing dead concrete surface |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Demolish existing ramp |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Preparation for the aviary ground slab. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Preparation for the ground slab next to outbuildings. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Dismantling of limestone masonry |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Demolish concrete slabs in outbuildings |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Connection with Sewage treatment plant – trenching of road, lay pipes, infilling, asphalting. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Connection with Sewage treatment plant – trenching in concrete slab, lay pipes, infilling. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Connection with Sewage treatment plant and sleeves for M&Es – trenching in ground, lay pipes, infilling. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Repair, testing, investigation** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | | |
| Clean existing concrete surfaces, treat exposed steel reinforcement |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | | |
| GPR testing |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Sampling of concrete cores |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Install strengthening steel mesh and grout |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Concrete and steel works** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | | |
| Casting of cast-in situ concrete blinding |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | | |
| Steel reinforcement for concrete ground slab and suspended slabs. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Casting of cast-in situ concrete ground slabs |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Casting of cast-in situ concrete suspended slabs |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Casting of cast-in situ concrete suspended beams |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Casting of cast-in situ concrete topping on prestressed precast slabs |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Casting of water spouts |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Cast roof screed laid to falls |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Prestressed Concrete Planks** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Lay precast prestressed concrete slabs |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Masonry stone** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Construction of limestone masonry stone blockwork, bedded, jointed and pointed |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Formation of doors and/or windows within existing masonry skin fabric. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Construction of 230mm thick hollow concrete blockwork, bedded, jointed and pointed. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Infill of 230mm thick HCB with C20 concrete |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Other Items** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Cleaning of concrete, apply primer and tar as waterproofing |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Supply and lay of torch welded bituminious waterproofing membrane |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Supply, laying and compacting of Type 1 material |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Supply and installation of expanded polystyrene (jablo) insulation panels on roof |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Supply and installation of lightpipes |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| The cutting of 10mm width and 25mm in depth chase within roof screed and fill with mastic sealant and foam rod. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Drainage works |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Plumbing Works |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Supply, laying and compacting of graded fill material |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

## Checklist of documents to be provided

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| --- | --- |
| Tender Form and Tenderer’s Declaration |  |
| Technical offer |  |
| Self Declaration Form |  |
| Financial Bid Form |  |
| Statement on Conditions of Employment |  |
| Power of Attorney (if applicable) |  |
| Information re Joint Venture/Consortium |  |
| European Single Procurement Document (ESPD) |  |
| Key Experts Form, |  |
| Key Experts Statement of Exclusivity and Availability Form |  |
| Key Experts’ Self Declaration Form |  |
| Manufacturer’s Literature of the curing membranes |  |
| Manufacturer’s Literature of the proprietary surface hardener and dust inhibitor |  |
| Manufacturer’s Literature of the epoxy injection material |  |
| Manufacturer’s Literature of the damp proofing material |  |
| Manufacturer’s Literature of the thermal insulation material |  |
| Manufacturer’s Literature of the Light pipes/sun pipes/sun tunnels |  |
| Proof of Warranted Architect as per Periti Act |  |
| Proof of Warranted Engineer as per Engineering Profession Act. |  |
| Proof of licenced mason in terms of the Building Regulations Act |  |
| Proof of registration as a Demolition Contractor as per Avoidance of Damage to Third Party Property Regulations (2019) |  |