

Tender for Construction of maternity ward in Marial Bai PHCC to improve maternal and Child healthcare service provision in Jur River County, Western Bahr El Ghazal State.

Procurement Number: WAU/SSD0137/0001

Closing Date: 25th May 2023

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About Johanniter:

Johanniter is a German Christian Not for profit non-governmental organisation running eight integrated projects in the former Western Bahr el Ghazal State (WBeG) of South Sudan focusing on maternal and essential health, nutrition (CMAM), WASH and GBV/Protection. Its overall objective is to reduce people's vulnerability, specifically by contributing to morbidity and mortality reduction by improving the population's health and nutrition status. Furthermore, improved access to water, sanitation and hygiene (WASH), and protection services are an existential part of Johanniter's South Sudan programme.

Proposed Timelines

Notice for tender	12th May2023
Dateline for submission	25th May 2023
Proposed tender opening dates	30th May 2023

Description of Works/Service

Johanniter invites prospective vendors to submit bids for the **Tender for Construction of a maternity** ward in Marial Bai PHCC to improve maternal and Child healthcare service provision in Jur River County, Western Bahr El Ghazal State for the Merck Family Foundation Project: Child and Maternal Health support to the Marial Bai Health Centre, Jur River County, Western Bahr el Ghazal state as described in the table below. Bids can be delivered to the Johanniter office in Juba or Wau, depending on the vendor's location.

No	Item Description	Unit Type	Quantity
1	Construction of maternity ward in Marial Bai PHCC: Refer to attached BoQ & technical drawings	Blocks	O 1

Clarification of Tender Documents.

Johanniter has taken great care to be as straightforward as possible in the language used to compile this tender document. If any confusion arises from the meaning or interpretation of any words used in this document, Johanniter will not accept responsibility for any misunderstanding or misinterpretation. Additional information or clarification can be obtained in writing by e-mail to

richard.oryem@thejohanniter.org or Robert.Duku@thejohanniter.org with the subject line **"Tender for Construction of a maternity ward in Marial Bai PHCC to improve maternal and Child healthcare service provision in Jur River County, Western Bahr El Ghazal State."**. A response will be shared through email to any request received earlier than five days before the deadline for submission of applications.

Amendments of tender documents.

At any time before the deadline for submission of the bids, Johanniter may, for any reason (s), whether at its initiative or in response to a clarification requested by a prospective applicant, notify the tender documents by issuing a subsequent addendum. Thus, the supplement shall be part of the tender documents and communicated in writing to all prospective bidders. Prospective bidders shall promptly acknowledge receipt of each addition in writing. To afford prospective applicants reasonable time to take an addendum into account in preparing their applications, the organisation may, at its discretion, extend the deadline for submitting bids.

Conditions for Tender Submission.

All interested vendors must respond to all requirements set out in this document, and failure to adhere to the conditions set out will result in the rejection of their bid.

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- This tender process shall follow Johanniter's Procurement guidelines and policy and reserves the right to deal with any offer of its choice or any or all of the offers. Johanniter is not bound to accept the lowest bid or any suggestion.
- This invitation for tender is not a contract or an offer to an agreement but an invitation to negotiate.
- Respondents are bound by their offer for 90 days from the closing date of bids.
- Johanniter reserves the right to alter the dates of the timetable.
- Canvassing of Johanniter staff about this tender will result in the disqualification of that individual or company.
- Opening of offers is not open to the public, and Johanniter will inform each respondent of the results of the decision of their offer upon request.
- Bids submitted in another manner other than that specified in the tender document shall be rejected.
- Johanniter is not obliged to justify or explain selection to any respondent.
- All documentation must be submitted in English.
- All bids must be accompanied by a signed declaration of suppliers provided by Johanniter.
- This document does not represent a commitment to purchase or contract with your firm.

Tenderers' Eligibility and Qualifications.

As part of its tender documents, the tenderer shall furnish its qualifications to perform the contract if its tender is accepted. The documentary evidence of the tenderer's qualifications to perform the contract if its tender is obtained and that the tenderer has the financial and technical capability necessary to perform the contract.

Cost of tendering.

The tenderer shall bear all costs associated with the preparation and submission of the tender. Johanniter will not be responsible or liable for those costs, regardless of the conduct and outcome of the tendering process.

Currencies.

All prices shall be quoted in USD.

Submission of the offer.

Complete tender documents must be submitted in a sealed envelope marked "**Tender for Construction** of a maternity ward in Marial Bai PHCC to improve maternal and Child healthcare service provision in Jur River County, Western Bahr El Ghazal State " to the following addresses below on/or before 25th May 2023, 4:00 PM local time to Johanniter Office in Juba located on Plot Number 55, Block 3-K, South Kololo, Pope Francis Road, Opposite American Embassy, Juba, South Sudan. Or Plot No: 166 & 167, Block 21, Hai Daraja Second Class Residential Area, Wau, South Sudan, or call +211 (0) 928 587 485 for directions. You shall be required to sign a document acknowledging the submission of your bid at the gate.

Tender Evaluation Process.

A tender evaluation committee shall be set up per Johanniter's procurement guidelines/policy, considering all relevant donor requirements. The evaluation process shall include the following:

- Preliminary evaluation, where all bids shall be evaluated to determine whether they were submitted in line with the administrative instructions, including all mandatory requirements
- All bids that pass the preliminary evaluation shall proceed to the second evaluation phase based on the criteria listed below before a contract is awarded.
- Reference checks to validate the information provided shall be conducted before the award of the contract.

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Award Criteria.

When analysing the offers, Johanniter will take into consideration the following award criteria to achieve the best value for money:

- Price 40%.
- Delivery timelines (15%): Detailed Breakdown of the Work plan with clear timelines is required.
- Past Performance (30%): Evidence of at least 3 Works Completion Certificates of similar Construction for a reputable organisation is required.
- Staff Capacity (15%): Evidence of qualification and experience of Lead Engineer with at least a Minimum of 6 years' experience is required.

Mandatory requirements.

- Quotation with prices for each item requested (If unable to quote for particular items, indicate that clearly.)
- Legal company registration documents showing the identity of the owner(s) of the company (Valid Registration Certificate, Memorandum and Article of Association, Trading Licence) etc.
- Valid Tax registration and clearance Certificate clearly showing the company's TIN and Valid Tax Clearance.
- Six months of certified bank statements or Audited accounts for the previous year.
- List at least three professional references, including copies of any recommendations, contracts, purchase orders, etc. (References of work with other NGOs will be considered highly.)
- Signed declaration of suppliers and Tender Dossier.

Bidders Signature.

I have read and understood this document, and all information provided as part of this tender by our/my company is an accurate representation.

Signed: _____ Date:

Name:_____Position: _____

Annexes.

- Declaration for Suppliers.
- Detained BOQs and Technical Design

Bill of Quantity for Construction of Maternity Ward Marial Bai PHCC, Jur River County, , Western Bahr-e-Gazal State

	Marial Bai PHCC, Jur River County, , V	vester	II Dalli-	e-Gazai Si	
ITEM	DESCRIPTION	QTY	UNIT	RATE (USD)	AMOUNT (USD)
1)	PRELIMINARIES				
a)	Mobilization of materials, tools and equipment	1	lumpsum		
	Sub-tTotal				
	SUBSTRUCTURES				
2)	Excavations & Eathworks				
	Site Clearance				
	Clear the site of all shrubs, bushes, small trees and debris;				
a)	remove from site as directed [Overall area: 216m2 Limited to the	272	m2		
	building footprint]				
	Excavate in soft material to remove top vegetable soil, average				
b)	200mm deep starting from existing ground level; load and cart	207	m2		
	away from site				
,	Excavate in soft material for strip footings, not exceeding 1.5m				
c)	deep starting from stripped level	42	m3		
	Backfilling				
	Return, fill in and ram selected excavated material around				
d)	foundations	24	m3		
	Disposal of Surplus spoils				
	Load and cart away surplus excavated material from site to an				
e)	approved dumping site	17	m3		
	Selected filling				
	300mm Thick hardcore filling, well watered and compacted in				
f)	layers not exceeding 100mm deep [includes area with paving	130	m2		
•)	slabs]	100			
	100mm Thick crusher run; compacted to 90% BS heavy; as per				
g)	structural engineer's specifications	130	m2		
	Damp proof membrane				
	1000 Gauge polythene or other equal and approved damp proof				
h)	membrane laid under surface bed with 300mm side and end laps	154	m2		
,	(measured net- allow for laps)	101			
	Concrete work				
	Plain concrete class 15 (mix 1:3:6)				
i)	Ditto; under strip footings	52	m2		
1)		52	1112		
	Insitu concrete class 25, vibrated and reinforced as described, in:-				
:)	Strip footing	5	m2		}
j)	Strip footing		m3		<u> </u>
k)	100mm Thick floor bed	154	m2		
I)	Ground beams and ramps	6	m3		
	Reinforcement				
	High tensile steel reinforcement to B.S. 4461 in structural				
	concrete work including cutting, bending, hoisting, fixing, tying				
	wire and spacing blocks		<u> </u>		
m)	8 mm diameter bars	119	kg		
n)	12 mm diameter bars	305	kg		ļ
	A142 Mesh reinforcement ; B.S. 4483 weighing 2.22 kgs per				
	square meter including bends, tying wire and spacing blocks				
					ļ
o)	Fabric mesh reinforcement in slabs, ramps and steps	154	m2		ļ
	Sawn formwork to:-				
p)	Edges of floor bed and steps, 75 to 150mm girth	52	m		

q)	Sloping edges of ramp, 75 to 150mm girth	17	m	
47	Foundation wall			
	Solid concrete block walls made from concrete class 15 (1:3:6);			
	bedded, jointed and pointed in cement sand (1:3) mortar;			
	reinforced with hoop with hoop iron after every alternate course.			
r)	200mm Thick foundation walling	73	m2	
	Plinth finishes			
s)	12 mm thick cement : sand (1:3) plaster to plinths	18	m2	
	Painting and decorations			
t)	Prepare and apply 3 coats of bituminous paint to plastered plinths	18	m2	
	Total SUBSTRUCTURES to Grant Summary		sum	
3)	REINFORCED CONCRETE SUPERSTRUCTURE			
	Concrete work			
	Insitu concrete class 25, vibrated and reinforced as described, in:-			
a)	Beams & Lintels	4	m3	
	Reinforcement			
	High tensile steel reinforcement to B.S. 4461 in structural			
	concrete work including cutting, bending, hoisting, fixing, tying			
	wire and spacing blocks			
c)	8 mm diameter bars	119	kg	
d)	12 mm diameter bars	305	kg	
	Sawn formwork to:-			
e)	Sides and soffites of beams and lintels	209	m	
	Sub-Total		sum	
4)	ROOFING			
4)	ROOFING			
4)	Trusses			
4) a)	Trusses50x50x4mm SHS [weighing approx. 5.56 kg/m]; in Truss T1 (4no.trusses)	282	kg	
	Trusses50x50x4mm SHS [weighing approx. 5.56 kg/m]; in Truss T1 (4no. trusses)40x40x3mm SHS [weighing approx. 3.36 kg/m]; in Truss T1 (4no. trusses)	282	kg kg	
a)	Trusses50x50x4mm SHS [weighing approx. 5.56 kg/m]; in Truss T1 (4no. trusses)40x40x3mm SHS [weighing approx. 3.36 kg/m]; in Truss T1 (4no. trusses)127x50.8x19x2mm ZED purlins; welded to truss rafters (m.s) at 1000mm centres			
a) b) c)	Trusses50x50x4mm SHS [weighing approx. 5.56 kg/m]; in Truss T1 (4no. trusses)40x40x3mm SHS [weighing approx. 3.36 kg/m]; in Truss T1 (4no. trusses)127x50.8x19x2mm ZED purlins; welded to truss rafters (m.s) at 1000mm centresPaint work	125 57	kg m	
a) b)	Trusses50x50x4mm SHS [weighing approx. 5.56 kg/m]; in Truss T1 (4no. trusses)40x40x3mm SHS [weighing approx. 3.36 kg/m]; in Truss T1 (4no. trusses)127x50.8x19x2mm ZED purlins; welded to truss rafters (m.s) at 1000mm centresPaint workSurfaces of all the foregoing steelwork	125	kg	
a) b) c)	Trusses50x50x4mm SHS [weighing approx. 5.56 kg/m]; in Truss T1 (4no. trusses)40x40x3mm SHS [weighing approx. 3.36 kg/m]; in Truss T1 (4no. trusses)127x50.8x19x2mm ZED purlins; welded to truss rafters (m.s) at 1000mm centresPaint workSurfaces of all the foregoing steelworkRoof covering	125 57	kg m	
a) b) c) d)	Trusses50x50x4mm SHS [weighing approx. 5.56 kg/m]; in Truss T1 (4no. trusses)40x40x3mm SHS [weighing approx. 3.36 kg/m]; in Truss T1 (4no. trusses)127x50.8x19x2mm ZED purlins; welded to truss rafters (m.s) at 1000mm centresPaint workSurfaces of all the foregoing steelworkRoof coveringSupply and Fix 28 gauge pre-painted corrugated steel sheets;	125 57 407	kg m kg	
a) b) c)	Trusses50x50x4mm SHS [weighing approx. 5.56 kg/m]; in Truss T1 (4no. trusses)40x40x3mm SHS [weighing approx. 3.36 kg/m]; in Truss T1 (4no. trusses)127x50.8x19x2mm ZED purlins; welded to truss rafters (m.s) at 1000mm centresPaint workSurfaces of all the foregoing steelworkRoof coveringSupply and Fix 28 gauge pre-painted corrugated steel sheets; fixed to steel purlins (m.s) using manufacturer's proprietary	125 57	kg m	
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a) b) c) d)	Trusses50x50x4mm SHS [weighing approx. 5.56 kg/m]; in Truss T1 (4no. trusses)40x40x3mm SHS [weighing approx. 3.36 kg/m]; in Truss T1 (4no. trusses)127x50.8x19x2mm ZED purlins; welded to truss rafters (m.s) at 1000mm centresPaint workSurfaces of all the foregoing steelworkRoof coveringSupply and Fix 28 gauge pre-painted corrugated steel sheets; fixed to steel purlins (m.s) using manufacturer's proprietary bolts/fixing screwsSub-TotalWALLS, WINDOW SILLS etc.	125 57 407	kg m kg m2	
a) b) c) d) e)	Trusses50x50x4mm SHS [weighing approx. 5.56 kg/m]; in Truss T1 (4no. trusses)40x40x3mm SHS [weighing approx. 3.36 kg/m]; in Truss T1 (4no. trusses)127x50.8x19x2mm ZED purlins; welded to truss rafters (m.s) at 1000mm centresPaint workSurfaces of all the foregoing steelworkRoof coveringSupply and Fix 28 gauge pre-painted corrugated steel sheets; fixed to steel purlins (m.s) using manufacturer's proprietary bolts/fixing screwsSub-TotalWALLS, WINDOW SILLS etc.Damp proof course	125 57 407	kg m kg m2	
a) b) c) d) e)	Trusses50x50x4mm SHS [weighing approx. 5.56 kg/m]; in Truss T1 (4no. trusses)40x40x3mm SHS [weighing approx. 3.36 kg/m]; in Truss T1 (4no. trusses)127x50.8x19x2mm ZED purlins; welded to truss rafters (m.s) at 1000mm centresPaint workSurfaces of all the foregoing steelworkRoof coveringSupply and Fix 28 gauge pre-painted corrugated steel sheets; fixed to steel purlins (m.s) using manufacturer's proprietary bolts/fixing screwsSub-TotalWALLS, WINDOW SILLS etc.Damp proof courseThree- ply bituminous felt damp proof course bedded in cement	125 57 407	kg m kg m2	
a) b) c) d) e)	Trusses50x50x4mm SHS [weighing approx. 5.56 kg/m]; in Truss T1 (4no. trusses)40x40x3mm SHS [weighing approx. 3.36 kg/m]; in Truss T1 (4no. trusses)127x50.8x19x2mm ZED purlins; welded to truss rafters (m.s) at 1000mm centresPaint workSurfaces of all the foregoing steelworkRoof coveringSupply and Fix 28 gauge pre-painted corrugated steel sheets; fixed to steel purlins (m.s) using manufacturer's proprietary bolts/fixing screwsSub-TotalWALLS, WINDOW SILLS etc.Damp proof course	125 57 407	kg m kg m2	

	Walling]	
b)	200mm thick walling with burnt brick	228	m2		
	Sub-Total		sum		
5)	DOORS				
-)	Wooden mohagany 900*2100mm pannelled doorwith all	7	Nu		
a)	accessories [Ref. D-01]	7	Nr		
	900*2400mm solid steel metal door single openable 300mm Vo	_			
b)	Ref [Ref. D-02]	5	Nr		
c)	900*1000mm grill metal door[Ref. D-03]	1	Nr		
	Sub-Total		sum		
6)	WINDOWS				
	Window overall size 1500 mm wide x 1400 mm high; Glazed steel				
a)	casement window in 3 panes with300mm VO and covered with	11	Nr		
	approved mosquito gauze [Ref. W-01]				
	Painting and Decorations				
	Prepare touch up primer and apply two under coats of grey rust				
	nhibiting paint and two finishing coats of enamel paint				
d)	Window surfaces, both sides measured flat	46	m2		
	Door surfaces, both sides measured flat	22	m2		
-1	Sub-Total		sum		
7)	FINISHES				
	Note: Contractor to provide all samples for approval before				
	incorporation into the final works.				
	Floor finishes				
a)	Insitu cement and sand (1:3) screed 50mm Thick screed; finished smooth with a steel trowel	154	m2		
a)	Sommer mick screed, missied smooth with a steel trower	154	IIIZ		
b)	Tamped concrete finish with 5mm anti-slip grooves; in ramps	9	m2		
	Wall Finishes				
	12mm thick cement sand render finished to receive ceramic tiles				
	(m.s)- sink area				
d)	Wall surfaces internally				
	250x300mm Glazed ceramic wall tiles fixed with approved				
	adhesives and jointed in approved grout, including all spacers as				
	per manufacturer's recommendation; all to site engineer's				
	approval	-			
e)	Wall surfaces internally	1	m2		
	Internal Walls: 12mm thick cement sand plaster, with steel				
t)	troweled finish, as described to:- Wall and concrete surfaces internally	417			
f)	Prepare and apply two undercoats emulsion paint and two	417	m2		
	finishing coats of first quality Silk Vinyl emulsion paint as;-				
g)	Internal wall surfaces	417	m2		
δ/	External Walls: 15mm Cement and sand (1:3) render on block	411	1112	1	
	wall or concrete work to:-				
h)	Wall and concrete surfaces externally	134	m2	1	
,					
	Sand surfaces and fill uneven surfaces with stucco filler paste;				
	prepare and apply two undercoats of premium quality cream				
	(RAL 9001) paint and two coats of premium quality weather				
	proof permaplast reisn based acrylic paint to:-				
j)	External wall surfaces	134	m2		

Centre function subject of metal lath ceiling; fixed to steel trass bottom chords 1 K Ceiling; over 300mm wide; internal 154 m2 I) SplebA goros 123 m2 SplebA goros 1 1 1 (Ceiling; over 300mm wide; at back corridor/appron (all 23 m2 1 SplebA goros 1 1 1 (GlosGOuSOmm wide; at back corridor/appron (all core and a sond motar and laid on and including form thick sand cushion on compacted ground during form thick sand cushion on compacted ground during form thick sand cushion on compacted ground during all necessary size and sand motar and laponal; finished exposed edges to approval 2 8) BULDING FIXTURES & RITTINGS 2 m Concrete sets 50 1 1 Sub-Total sum 1 1 8) BULDING FIXTURES & RITTINGS 2 m Concrete sets 50mm thick reinforced in-situ concrete loss 20/20 (1:2:4) sum 1 support walls; pitter and pointed soff 1:3/backing to trans the start of adds, pitter adds, pitt	1	Ceiling Finish including supporting metal framework		1	l	
Supply and fix suspended plostered metol lathe ceiling; fixed to						
steel truss bottom chords 154 m2 () Celling; over 300mm wide; at back corridor/appron (all provisional) 23 m2 Splesh Aprons 600x600x50mm Thick precast concrete (PCC) paving slabs 600x600x50mm Thick precast concrete (PCC) paving slabs 23 (standard) or other approved finish material; jointed in cement and and mortar and laid on and including 50mm thick sand cushion on compacted ground 23 m2 200mm X 400mm high Thick deging wall built on and including 100mm thick class 20 mass concrete bed; including all necessary excavations and disposal; finished exposed edges to approval 52 m 8) BUILDING FIXTURES & FITTINGS 9 m 600xef0xet sects 50 50 50 700xm thick reinforced in-situ concrete closs 20/20 (1:2:4) sum 50 8) BUILDING FIXTURES & FITTINGS 9 m 9 Datates hor trolled steel reinforcement bors to 8 3449; plastered and painted steel reinforcement bors to 8 3449; plastered and painted steel reinforcement bors to 8 3449; plastered and painted 100mm thick happort wolls; 21mm thick ement and sand (1:3)backing to tap and foscial/skritig; in- 9 m 1 Concrete benches, at 450mm high above finished floor level, a sum 9 m 3) Sub-Total sum 9 1 LetCTRICAL INSTALLATION 1 1 1 LetCTRICAL INSTALLATION						
k) Celling: over 300mm wide; internal 154 m2 i) Celling: over 300mm wide; at back corridor/appron (all provisional) 23 m2 Splosh Aprons 600x60x50mm Thick precast concrete (PCC) paving slabs (standard) or other approved finish material; jointed in cement and sam d mortar and laid on and including 50mm thick sand cushion on compacted ground 23 m2 200mm x 400mm high Thick deging wall built on and including 50mm thick sand cushion on compacted ground 52 m xub rotat sum 91 sum 91 8) BULDING FIXTURES & FITTINGS sum 91 Sub-Total sum 91 sum 91 8) BULDING FIXTURES & FITTINGS sum 91 10.0mm thick class 20 of thick precare thans to BS 4449; plasteed and pointed Softbault into walling; all necessary formwork; timm high torolled stell reinforcement bars to BS 4449; plasteed and pointed Softbault into walling; all necessary formwork; timm high tability of thick support wolls; 12mm thick cement and sand (1:3)backing to top and fascia/skriting; in:- 9 m 30. Concrete benches, at 450mm high above finished floor level, 9 9 m a) Concrete benches, at 450mm high above finished increases accessories: including at refirerator. (Deati Specification brochures) 1 1						
I) Celling: over 300mm vide; at back corridor/appron (all 23 m2 Splash Aprons E00x600x50mm Thick precast concrete (PCC) paving slabs 1 (standard) or other approved finish material; jointed in cement and sand mortar and laid on and including 50mm thick sand cushion on compacted ground 23 m2 200mm X 400mm high Thick edging wall built on and including 100mm thick class 20 mass concrete bed; including all necessary excavations and disposal; finished exposed edges to approval 52 m 8) BUILDING FIXTURES & FITTINGS I I Concrete seats I I S0mm thick reinforced in-situ concrete class 20/20 (12:4) suspended slab built into welling; all necessary formwork; Bmm high totale hot rolled sel reinforcement bars to 85 Ad49; plastered and painted soffits: plastered and painted 100mm thick support walls; 12mm thick cement and sand (1:3)backing to top and fascia/skifting; in: 9 m a) SOMM wide Sum I I I PV-SOLAR SYSTEM I I I I Quadation to be accompanied by product specification brochures) I I I Quadation to be accompanied by product specification brochures) I I I Quadation to be accompanied by product specification brochures) I I I Quadation to be accompanied by product specification brochures) I I I	k)		154	m2		
Spicad Agrons						
600x600x50m Thick precast concrete (PCC) paving slabs 23 m2 m) and sand mortar and laid on and including 50mm thick sand 23 m2 n 200mm x 400mm high Thick edging wall built on and including 52 m n) 100mm thick dass 20 mass concrete bed; including all necessary 52 m 8) BUILINGE FIXTURES & FITTINGS 52 m Concrete seats sum 52 m 30mm thick class 20 differs; bitstered and painted to main functions 52 m 8) BUILINGE FIXTURES & FITTINGS 52 m Concrete seats 0 0 0 Somm thick reinforced in-situ concrete class 20/20 (1:2:4) super differs; bitstered and painted 100mm 0 subport wolls; 12mm thick cement and sand (1:3)backing to to and fascid/skirting; in-: 50 50mm wide 9 m 300mm wide 30mm wide 9 m 50 50 50 1 ELECTRICAL INSTALLATION 0 0 0 0 0 1 ELECTRICAL installation 1 1 1 1 0 20 PLUMBING INSTA	1)	provisional)	23	m2		
m) (standard) or other approved finish material; jointed in cement and sand mortar and laid on and including 50mm thick sand cushion on compacted ground 23 m2 n) 200mm x400mm high Thick edging wall built on and including 100mm thick class 20 mass concrete bed; including all necessary excavations and disposal; finished exposed edges to approval 52 m 8) BUILDING FIXTURES & FITTINGS 52 m Concrete seats 0 0 200mm thick class 20 mass concrete class 20/20 (1:2:4) suspended slob built into walling; oil necessary formwork; fam high tensile hor toiled steel reinforcement bars to 85 4449; plastered and pointed soffites; plastered and pointed 100mm thick support walls; 12mm thick cement and sand (1:3)backing to tog and fiscic/skiring; in:- 9 a) 350mm wide 9 m 50u-Total sum 0 1) ELECTRICAL INSTALLATION 9 PV-SOLAR SYSTEM 0 0 (Quotation to be accompanied by product specification brochures) 1 1 3) Sub-Total 1 a) Sub-Total Plansbing and end and quantities will be provided jiA technical person 0 a) Including a refirefactor. (Delail Specifications and quantities will be provided jiA technical person) 0 a) Including a refirefactor. (Delail Specifications and quantities will be provided jiA technical person) 1 bubchoing a refirefactor		Splash Aprons				
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