



Request for Quotations for Works

Construction of Washing Bay Structure for Heavy Equipment for Oshakati Area Office

Procurement Reference No: W/RFQ/NW-010/2026

Name of Bidder		
Contact Person		
E-mail Address		
Postal Address		
Total Amount (Excl. VAT)		
Contact Phone number	Work:	Mobile:

Documents must be posted/delivered to:

The Quotation/Bid Box

Att: Procurement Management Unit (PMU) (bids@namwater.com.na)

Namibia Water Corporation Ltd.

Private Bag 13389

176 Iscor Street, Aigams Building

Windhoek

Closing Date: Thursday, 30 October 2025 at 11h00

Non-Compulsory pre-Bid meeting: 21 October 2025. Location & Time: Oshakati at 10h00

NO LATE BIDS

WILL BE ACCEPTED!

Initials.....

NOTICE TO BIDDERS

- ☐ Please take note of initializing all pages of the standard bidding document and initial all the supporting documents including company profiles, brochures, etc.
- ☐ Take note to sign all relevant pages as stipulated in the bidding standard document.
- ☐ Copies of documents not certified by a Commissioner of Oath appointed in terms of the Justices of the Peace and Commissioners of Oaths Act.1963 (Act No. 16 of 1963) will not be accepted.

Initials.....



Letter of Invitation

Name and Address of Bidder_____

Procurement Reference Number: W/RFQ/NW-010/2026

09 October 2025

Dear Bidders,

Request for Quotations for the Construction of Washing Bay Structure for Heavy Equipment for Oshakati Area Office

NamWater invites you to submit your best quote for the works described in detail hereunder.

Any resulting contract shall be subject to the terms and conditions referred to in the document.

Queries, if any, should be addressed to bids@namwater.com.na, Private Bag 13389 Windhoek, Namibia.

Please prepare and submit your quotation in accordance with the instructions given or inform the undersigned if you will not be submitting a quotation.

Yours faithfully,

Procurement Management Unit (PMU)

Initials.....

SECTION I: INSTRUCTIONS TO BIDDERS

1. Rights of Public Entity

NamWater reserves the right:

- (a) to split the contract as per the lowest evaluated cost per lot; and
- (b) to accept or reject any quotation or to cancel the quotation process and reject all quotations at any time prior to contract award.

2. Preparation of Quotations

You are requested to quote for the works mentioned in Section III, by completing, signing and returning:

- (a) the Quotation Letter in Section II with its annex for Bid Securing Declaration, where applicable;
- (b) the Priced Activity Schedule in Section IV;
- (c) the Specifications and Compliance Sheet in Section V; and
- (d) any other attachment as deemed appropriate

You are advised to carefully read the complete Request for Quotations document, including the Special Conditions of Contract in Section VII, before preparing your Quotation. The standard forms in this document may be retyped for completion but the Bidder is responsible for their accurate reproduction.

3. Validity of Quotations

The quotation validity period shall be **90** days from the date of bid submission deadline.

4. Eligibility Criteria

To be eligible to participate in this Quotation exercise, you should:

- (a) Have a certified copy (certified by a Commissioner of Oath appointed in terms of the Justices of the Peace and Commissioners of Oaths Act.1963 (Act No. 16 of 1963)), of a full valid company Registration Document;
- (b) Have an original or a certified copy (certified by a Commissioner of Oath appointed in terms of the Justices of the Peace and Commissioners of Oaths Act.1963 (Act No. 16 of 1963)), of a valid Good Standing Tax Certificate, as certified by the Commissioner of Oath;
- (c) Have a valid good Standing Social Security Certificate,
- (d) Have a valid certified copy (certified by a Commissioner of Oath appointed in terms of the Justices of the Peace and Commissioners of Oaths Act.1963 (Act No. 16 of 1963)), of Affirmative Action Compliance Certificate, proof from Employment Equity Commissioner that bidder is not a relevant employer, or exemption issued in terms of Section 42 of the Affirmative Action Act, 1998 or a valid certified copy of the original document, as certified by the Commissioner of Oath;
- (e) Submit signed Bid-securing Declaration.

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- (f) An undertaking on the part of the Bidder that the salaries and wages payable to its personnel in respect of this proposal are compliant to the relevant laws, Remuneration Order, and Award, where applicable and that it will abide to sub-clause 4.6 of the General conditions of Contract if it is awarded the contract or part thereof; and;
- (g) Have a certificate indicating SME Status
- (h) Submit at least one (1) reference letter and or completion certificate for experience in works of an equivalent nature and volume performed in the last 5 years.
- (i) Submit a Work Delivery Schedule (i.e. time to complete work upon appointment/program of works).
- (j) Submit a methodology for site management and safety in executing this work, taking cognizance of the heavy equipment and tools to be used.
- (k) Submit a comprehensive method statement indicating/focusing on the following areas; (Design, Site layout, Integration into the existing scheme, Anticipated water quality expected, Installation methodology & Operational and maintenance methodology).
- (l) Submit comprehensive CV's of the Key employees (Site Foreman, Site artisan Welding and Fabrication, Bricklaying Artisan, Safety Officer, Site Artisan Plastering) allocated to this particular project (Please submit short CV with certified copies of Qualifications (certified by a Commissioner of Oath appointed in terms of the Justices of the Peace and Commissioners of Oaths Act.1963 (Act No. 16 of 1963)).
- (m) Has the Bidder submitted a declaration stating that the bidder commits to submit a comprehensive Safety File upon Contract Award.

Bids from service providers appearing on the ineligibility lists of African Development Bank, Asian Development Bank, European Bank for Reconstruction and Development, Inter-American Development Bank Group and World Bank Group shall be rejected.

Links for checking the ineligibility lists are available at:

- Republic of Namibia, Procurement Policy Unit
<https://egp2.gov.na/forms/SearchSuspendedBidders.jsf>
- African Development Bank
<https://www.afdb.org/en/projects-operations/debarment-and-sanctions-procedures>
- Asian Development Bank
<http://lnadbg4.adb.org/oga0009p.nsf/sancALLPublic?OpenView&count=99>
- European Bank for Reconstruction and Development
<http://www.ebrd.com/pages/about/integrity/list.shtml>
- Inter-American Development Bank Group
<http://www.iadb.org/en/topics/transparency/integrity-at-the-idb-group/sanctioned-firms-and-individuals,1293.html>
- World Bank Group

<http://www.worldbank.org/en/projects-operations/procurement/debarred-firms>

5. Bid Security/Bid Securing Declaration

Bidders are required to subscribe to a Bid Securing Declaration for this procurement process.

6. Works Completion Period

The completion period for works shall be **two (2) months** after acceptance and issue of Purchase Order. Deviation in completion period shall not be accepted/.

7. Sealing and Marking of Quotations

Quotations should be sealed in a single envelope, clearly marked with the Procurement Reference Number, addressed to the Public Entity with the Bidder's name at the back of the envelope.

8. Submission of Quotations

Quotations should be deposited in the Quotation/Bid Box located at Namibia Water Corporation Ltd Head office, Private Bag 13389, 176 Iscor Street, Aigams Building, Windhoek, not later than **Thursday, 30 October 2025 at 11h00. Non-Compulsory site meeting: Tuesday, 21 October 2025 (10h00) at NamWater Oshakati.** Quotations by post or hand delivered should reach NamWater, 176 Iscor Street, Aigams Building by the same date and time at latest. Late quotations will be rejected.

Quotations received by e-mail will not be considered.

9. Opening of Quotations

Quotations will be opened internally by the Public Entity immediately after the closing time referred to in section 8 above. A record of the Quotation Opening stating the name of the bidders, the amount quoted, the presence or absence of a Bid Security/Bid Securing Declaration, will be posted on the website of the Public Entity and available to any bidder on request within three working days of the Opening.

10. Evaluation of Quotations

The Public Entity shall have the right to request for clarifications in writing during evaluation. Offers that are substantially responsive shall be compared on the basis of evaluated cost, subject to Margin of Preference where applicable, to determine the lowest evaluated quotation.

10.1. Criteria 1 - Compulsory/Mandatory Documentation

ITEM	REQUIREMENT	CONFORM (YES/NO)
1	Has the bidder submitted a valid certified (certified by a Commissioner of Oath appointed in terms of the Justices of the Peace and Commissioners of Oaths Act.1963 (Act No. 16 of 1963)), copy of company Registration	

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	Certificate;	
2	Has the bidder submitted a bid securing declaration signed by duly authorized person.	
3	Has the bidder submitted a valid original or valid certified copy of an original, (certified by a Commissioner of Oath appointed in terms of the Justices of the Peace and Commissioners of Oaths Act.1963 (Act No. 16 of 1963)) , of good Standing Tax Certificate;	
4	Has the bidder submitted a valid good Standing Social Security Certificate;	
5	Has the bidder submitted a valid certified copy (certified by a Commissioner of Oath appointed in terms of the Justices of the Peace and Commissioners of Oaths Act.1963 (Act No. 16 of 1963)) , of Affirmative Action Compliance Certificate, or proof from Employment Equity Commissioner that bidder is not a relevant employer, or exemption issued in terms of Section 42 of the Affirmative Action Act, 1998;	
6	Has the bidder submitted an undertaking on the part of the Bidder that the salaries and wages payable to its personnel in respect of this proposal are compliant to the relevant laws, where applicable and that it will abide to sub-clause 6.8 of the General conditions of Contract if it is awarded the contract or part thereof.	
7	Has the bidder submitted at least one (1) reference letter for experience in works of an equivalent nature and volume performed in the last 5 years.	
8	Has the bidder submitted a Work Delivery Schedule (i.e. time to complete work upon appointment/program of works).	
9	Has the bidder submitted a method statement	
10	Has the bidder submitted comprehensive CV's of the Key employees allocated to this particular project (CV with certified Qualifications). Key personnel are: Site Foreman, Metalwork and Fabrication Artisan, Bricklaying Artisan, Safety Officer, Site Artisan Plastering	
11	Has the Bidder submitted a declaration stating that the bidder commits to submit a comprehensive Safety File upon Contract Award.	

Failure to submit all above-mentioned documents and references, the bidder shall be deemed non-compliant, therefore disqualified and excluded from further evaluation and comparison.

10.2. Criteria 2 - Technical Evaluation Criteria

Item	Description of Criteria	Score %
1	Experience in works of an equivalent nature and volume performed in the last five (5) years (attach evidence of reference letter and or completion certificate with contact details and persons to be contacted)	9%
	Three and more reference letters attached	9%
	One to two reference letters attached	6%

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	No reference letters attached		0%
2	Work Delivery Schedule (i.e. time to complete work upon appointment/program of works).		5%
	Detailed work delivery schedule/program		5%
	Generalized work delivery schedule/program		1%
	No work delivery schedule/program		0%
3	Methodology for site safety and environmental protection in executing this work, taking cognizance of the heavy equipment and tools to be used.		7.5%
	Adequate site safety and environmental protection in place		7.5%
	Moderate site safety and environmental protection in place		2.5%
	No site safety and environmental protection in place		0%
4	Qualification for the Health and Safety officer		9%
	National High certificate in Health and Safety level 3		9
	Lower than National High Certificate in Health and Safety		5
5	Qualification for the Site Foreman		9%
	Level 3 certificate in any technical trade/field		9
	Level 2 or lower		5
6	Qualification for the Welder/Fabricator		9%
	Level 3 certificate in any technical trade/field		9
	Level 2 or lower		5
7	Qualification for the Brick Layer/Plaster		9%
	Level 3 certificate in any technical trade/field		9
	Level 2 or lower		5
8	A comprehensive method statement indicating/focusing on the following areas:		22.5%
	Site layout	7.50%	7.50%
	No site layout	0%	

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	A comprehensive quality assurance plan covering all quality areas for the project	7.50%	7.50%
	A moderate quality assurance plan covering some quality areas for the project	3.75%	
	No quality assurance plan	0%	
	Comprehensive installation methodology covering all areas of the works	7.50%	7.50%
	Moderate installation methodology covering some areas of the works	3.75%	
	No installation methodology	0%	
9	Comprehensive CV's of the Key employees allocated to this particular project (Please submit short CV with Qualifications).		20%
	Health and Safety officer (3 or more years' experience)	5%	5%
	Less than 3 years' experience	0%	
	Site Foreman (3 or more years' experience)	5%	5%
	Less than 3 years' experience	0%	
	Site artisan Welding and fabrication (5 or more years' experience)	5%	5%
	Less than 5 years' experience	0%	
	Site artisan Bricklayer/Plaster (5 or more years' experience)	5%	5%
	Less than 5 years' experience	0%	
	Total		100%

NB: The total evaluation score evaluation is out of 100%. For a bidder to proceed to the next evaluation criteria (**Technical Specifications compliance**), the bidder must score a minimum 70%. Bidders who fail to achieve the required minimum score of **70%** will be deemed as “non-responsive”. Such bidders will be excluded from being considered for further evaluation.

10.3. Criteria 3 - Financial Evaluation

The financial evaluation of the bid will be assessed based on the following criteria:

- a) A Bid price which is abnormally low, i.e. 10% below the Employers cost estimate will be deemed to be non-responsive.

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- b) A Bid price that is 10% above the average of the Employers cost estimate will be deemed to be non-responsive.
- c) The procurement contract will be awarded to the bidder with the lowest most substantially responsive technically compliant bidder.

11. Technical Compliance

The Specifications and Compliance Sheet details the minimum specifications of the works to be carried out. The specifications have to be met, but no credit will be given for exceeding the specifications.

12. Prices and Currency of Payment

Prices for the execution of works shall be fixed in Namibian Dollars as quoted. Quotations shall cover all costs of labour, materials, equipment, overheads, profits and all associated costs for performing the works, and shall include all duties. The whole cost of performing the works shall be included in the items stated, and the cost of any incidental works shall be deemed to be included in the prices quoted.

13. Margin of Preference

13.1. The applicable margins of preference and their application methodology are as follows:

Margins of preference applicable for exclusive preference to local suppliers will be applied as follows

CATEGORIES OF BIDDERS	MARGIN OF PREFERENCE	DOCUMENTARY EVIDENCE
Manufacturer	2%	-Certificate of registration from a registering authority -Declaration by the bidder that the manufactured goods meet the local content as determined in Annexure 6 as per the cost structure for Value Added Calculation in Annexure 1, and as certified by an Accountant
Micro, Small and Medium Enterprise	1%	-SME registration certificate - Declaration indicating the percentage of Namibian MSME ownership
Women owned enterprise	1%	- IDs of all shareholders -Founding statement/company registration indicating ownership structure/shareholder certificate - declaration indicating the percentage of Namibian female ownership
Youth owned enterprise	2%	- IDs of all shareholders - Founding statement/company registration indicating ownership structure/shareholder certificate - declaration indicating the percentage

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		of Namibian youth ownership
Previously Disadvantaged Person owned enterprise	2%	-IDs of all shareholders - Founding statement/company registration indicating ownership structure/shareholder certificates - declaration indicating the percentage of Namibian PDPs ownership
Suppliers providing environmental protection	1%	-declaration and proof that the bidder meets the requirements set out in the bidding document
Suppliers providing employment to Namibians	1%	-declaration that the bidder employs 50% or more Namibian citizens
TOTAL	10%	

A bidder that qualifies for margins of preferences on more than one basis, all such preferences must be granted to the bidder but not more than 10%. The bid price will be reduced with the amount determined in accordance with the following formula:

Formula to calculate margins of preference:

$$A = \frac{MP \times BP}{100}$$

in which formula –

- (a) "A" represents the amount to be determined.
- (b) "MP" represents the total percentage of all margins of preferences granted in respect of the bid; and
- (c) "BP" represents the bid price.

13.2. Bidders applying for the Margin of Preference shall submit evidence thereof as required

14. Award of Contract

The Bidder having submitted the lowest evaluated responsive quotation and qualified to perform the works shall be selected for award of contract. Award of contract shall be by issue of a Purchase Order/Letter of Acceptance in accordance with terms and conditions contained in Section VI: Contract Agreement and General Conditions of Contract.

15. Notification of Award and Debriefing

The Public Entity shall after award of contract promptly inform all unsuccessful bidders in writing of the name and address of the successful bidder and the contract amount and post a notice of award on its website within 7 days. Furthermore, the Public Entity shall attend to all requests for debriefing made in writing within 7 days of the unsuccessful bidders being informed of the award.

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SECTION II: QUOTATION LETTER

(to be completed by Bidders)

*[Complete this form with all the requested details and submit it as the first page of your quotation with the Priced Activity Schedule and documents requested above. A signature and authorisation on this form will confirm that the terms and conditions of the RFQ prevail over any attachments. **If your quotation is not authorised, it will be rejected***

Quotation addressed to:	Namibia Water Corporation Ltd (NamWater)
Procurement Reference Number:	W/RFQ/NW-010/2026
Subject matter of Procurement:	Construction of Washing Bay Structure for Heavy Equipment for Oshakati Area Office

We offer to execute the Works detailed in the Statement of Requirements, in accordance with the terms and conditions stated in your Request for Sealed Quotations referenced above.

We confirm that we are eligible to participate in this Quotation exercise and meet the eligibility criteria specified in Section 1: Instructions to Bidders

We undertake to abide by the Conduct of Bidders and Suppliers as provided under the Public Procurement Act during the procurement process and the execution of any resulting contract.

We have read and understood the content of the Bid Security/Bid Securing Declaration (BSD) attached hereto and subscribe fully to the terms and conditions contained therein. We further understand that this subscription could lead *[forfeiture of the security amount / disqualification on the grounds mentioned in the BDS]*

The validity period of our Quotation is _____ days *[insert number of days]* from the date of the bid submission deadline.

We confirm that the prices quoted in the Priced Activity Schedule are fixed and firm and will not be subject to revision or variation, if we are awarded the contract **prior to the expiry** date of the quotation validity.

Works will commence within _____ *[insert number]* days from date of issue of Purchase Order/ Letter of Acceptance.

Works will be completed within _____ *[insert number]* days from date of issue of Purchase Order/ Letter of acceptance.

Quotation Authorised by:

Name of Bidder				Company's Address and seal
Contact Person				
Name of Person Authorising the Quotation:		Position:	Signature:	
Date		Phone No./E-mail		

Initials.....

Appendix to Quotation Letter

BID SECURING DECLARATION (Section 45 of Act) (Regulation 37(1) (b) and 37(5))

Date: *[Day | month | year]*

Procurement Ref No.:

To:*[insert complete name of Public Entity and address]*.....

I/We* understand that in terms of section 45 of the Act a public entity must include in the bidding document the requirement for a declaration as an alternative form of bid security.

I/We* accept that under section 45 of the Act, I/we* may be suspended or disqualified in the event of

- (a) a modification or withdrawal of a bid after the deadline for submission of bids during the period of validity;**
- (b) refusal by a bidder to accept a correction of an error appearing on the face of a bid;**
- (c) failure to sign a procurement contract in accordance with the terms and conditions set forth in the bidding document, should I/We* be successful bidder; or**
- (d) failure to provide security for the performance of the procurement contract if required to do so by the bidding document.**

I/We* understand this bid securing declaration ceases to be valid if I am/We are* not the successful Bidder

Signed:
[insert signature of person whose name and capacity are shown]

Capacity of:
[indicate legal capacity of person(s) signing the Bid Securing Declaration]

Name:
[insert complete name of person signing the Bid Securing Declaration]

Duly authorized to sign the bid for and on behalf of: *[insert complete name of Bidder]*

Dated on _____ day of _____
[insert date of signing]

Corporate Seal (where appropriate)

[Note*: In case of a joint venture, the bid securing declaration must be in the name of all partners to the joint venture that submits the bid.]

****delete if not applicable / appropriate***

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Republic Of Namibia

Ministry of Labour, Industrial Relations and Employment Creation

Witten undertaking in terms of section 138 of the Labour Act, 2015 and section 50(2)(D) of the Public Procurement Act, 2015

1. EMPLOYERS DETAILS

Company Trade Name:.....

Registration Number :.....

Vat Number:

Industry/Sector:

Place of Business:.....

Physical Address:.....

Tell No.:.....

Fax No.:.....

Email Address:.....

Postal Address:.....

Full name of Owner/Accounting Officer:.....

.....

Email Address:.....

2. PROCUREMENT DETAILS

Initials.....

Procurement Reference No.:

Procurement Description:

.....

.....

Anticipated Contract Duration:

Location where work will be done, good/services will be delivered:

.....

3. UNDERTAKING

I[insert full name], owner/representative

of[insert full name of company]

hereby undertake in writing that my company will at all relevant times comply fully with the relevant provisions of the Labour Act and the Terms and Conditions of Collective Agreements as applicable.

I am fully aware that failure to abide to such shall lead to the action as stipulated in section 138 of the labour Act, 2007, which include but not limited to the cancellation of the contract/licence/grant/permit or concession.

Signature:

Date:

Seal:.....

Please take note:

1. A labour inspector may conduct unannounced inspections to assess the level of compliance
2. This undertaking must be displayed at the workplace where it will be readily accessible and visible by the employees rendering service(s) in relations to the goods and services being procured under this contract.

Initials.....

SECTION III: STATEMENT OF REQUIREMENTS

A. SCOPE OF WORKS, SPECIFICATIONS AND PERFORMANCE REQUIREMENTS

Scope of Works

1. General

The works for this Request for Quotation entails the construction of Concrete floor slabs, trench excavations and steel roofs construction. The floor slab is are within the NamWater area. The drawings for the floor slab and roof shed structure are attached to this document along with the standard design for the concrete floor slabs.

1.1 THE WASHING BAY

The construction of the washing sheds entails the excavation, compaction, concrete works, structural steel works.

The scope of works comprises of the following:

- Construction of reinforced concrete column footings and stubs;
- Construction of a 200mm thick reinforced concrete slab floor;
- Erection of structural steel frames, structural steel cladding for the roof.
- New roof sheets will be procured and installed as detailed in the drawing
- The floor shall be treated and painted as indicated in the drawings

During heavy rains/floods.

2. Inspections

NamWater will inspect the works during the construction phase a number of site visits to ascertain the work quality of the works. The onus thus rest with the contractor to ensure that all items purchased and sourced are to specifications. Payment will only be made if all the works are completed and to specifications.

3. Defect notification period and retention.

During the guarantee period, an authorised sales agent capable of replacing the offered items must be located in Namibia, and must be able to replace failed offered items to NamWater Head office within 30 working days of receipt of request for such items. However, 10% retention will be kept, and the defect period is for 12 months

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STANDARD SPECIFICATIONS.

APPLICABLE STANDARD AND PARTICULAR SPECIFICATIONS

Although not bound in or issued with this Document the following Standard Specifications shall apply for the purposes of this contract.

SABS 1200 A	:	General
SABS 1200 C	:	Site clearance
SABS 1200 D	:	Earthworks
SABS 1200 G	:	Concrete (structural)
SABS 1200 H	:	Structural Steel
SABS 1200 HA	:	Structural Steelwork (Sundry Items)
SABS 1200 HB	:	Cladding and Sheeting
SABS 1200 HC	:	Corrosion protection of structural steelwork

Technical Specifications

SANS1200 has reference as the technical specifications.

PSC	Site clearance
PSD	Earthworks
PSDA	Earthworks (small works)
PSGA	Concrete (small works)
PJ	Cleaning and Finishing
PS	Structural Steel

AMENDMENT TO STANDARD SPECIFICATIONS

PSC: SITE CLEARANCE

PSC 3 MATERIALS

PSC 3.1 Disposal of Material

Material obtained from clearing and grubbing shall remain the property of the Client and shall be disposed of in a manner approved by him. Irrespective of any arrangement reached with the Client, the Site shall be left in a condition that meets with the approval of the Project Manager and no material shall be disposed of on the Site.

PSC 5 CONSTRUCTION

PSC 5.1 Areas to be cleared and grubbed

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Only the minimum area required shall be cleared and grubbed and the Contractor shall take care not to unnecessarily damage natural vegetation.

PSC 8 MEASUREMENT AND PAYMENT

PSC 8.2 Scheduled Items

PSD EARTHWORKS

PSD 3 MATERIALS

PSD 3.1.2 Classes of Excavation

Only "soft" and "hard" excavation shall be applicable to this Contract. All material that does not classify as "soft excavation" in terms of clause 3.1.2 (a) shall be classified as "hard excavation". "It is estimated that approximately 80% of the excavations will be soft excavation"

PSD 5 CONSTRUCTION

PSDB 5.1 PRECAUTIONS

PSDB 5.1.1.2 Safeguarding of Excavations

The Contractor shall be responsible for safeguarding all open excavations and shall indemnify the Project Manager and the Client against any loss or damage suffered by any persons resulting from the presence of any open excavations.

PSD 5.2 METHODS AND PROCEDURES

PSD 5.2.2 Excavation

PSD 5.2.2.1 Excavation for General Earthworks and for Structures

The Contractor shall acquaint himself at bid stage of the geological conditions on Site and shall allow for this in his rates.

(Clause 5.2.2.1 c)

The Contractor shall excavate to the net outline of the structure plus an allowance for workspace. Vertical concrete walls shall not be cast against excavated surfaces unless as so specified on drawings.

(Clause 5.2.2.1 e)

Should, after excavation to the foundation levels shown on the drawings, the founding materials prove to be unsuitable, the Project Manager will instruct the contractor to excavate to some greater depth. The excess excavation shall be backfilled with cement stabilized sand comprising of 6% by mass of cement

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compacted to 100% MOD AASHTO or with mass concrete specified by the Project Manager.

Should the Contractor excavate to dimensions in excess of those stipulated or permitted, he shall fill in the excess with material specified or approved by the Project Manager at his own expense.

PSD 5.2.2.3 Disposal

All excess material not designated for re-use shall be disposed of at approved spoil sites.

PSD 6 TOLERANCES

PSD 6.1 Position, Dimensions, Levels, etc.

Degree of Accuracy II shall apply for all earthworks.

PSD 6.2 Moisture Content and Density

Degree of Accuracy II shall apply.

PSDA EARTHWORKS (small works)

PSDA 3 MATERIALS

PSDA 3.1 Classification for excavation purposes

Omit paragraph 3.1.2(a) - (e) and replace with the following:

"Notwithstanding the provision of sub-clause 3.1 the materials excavated will only be classified as soft excavation and hard rock excavation. Material classified as intermediate excavation shall be deemed to be soft excavation for the purpose of this contract".

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PSGA CONCRETE (Small works)

PSGA 3 MATERIAL

PSGA 3.2 Cement

Only mixtures of Ordinary Portland Cement (OPC) compliant with the requirements of SANS 471 and Pulverised Fly Ash (PFA) shall be used for concrete in this Contract. The fly-ash cement thus obtained by blending of the OPC and Pulverised Fly Ash (PFA) shall comply with the requirements of SANS 1491 Part II of 1989. No other types of cement (e.g. Rapid Hardening Cement, Portland Blastfurnace Cement or Slagment) may be used without the prior approval by the Project Manager

.

The Concrete mix must be determined by means of a proper mix design by an accredited laboratory and must be approved by the Project Manager.

PSGA 3.2.1 Applicable Specifications

The SANS approved the European Pre-standard (ENV) specification for Common and Masonry cements and issued these standards as SANS ENV 197-1 and SANS ENV 413-1 respectively for general use. These standard specifications (and specifications directly related thereto) will be applicable to this contract and reference to the various cements to be used will be based on the descriptions, notations and types as specified therein.

SANS 471, SANS 626 and SANS 831 have however not been withdraw and are still applicable. SANS ENV 197-1, SANS ENV 197-2, SANS 413-1 and SANS ENV 413-2 shall therefore be deemed to be included wherever reference is made to SANS standard specifications in the contract document and drawings. In case of conflict, SANS ENV 197-1 and SANS ENV 413-1 will govern.

PSGA 3.2.2 Storage of Cement

Cement shall be used in the order in which it was received.

Unless approved by the Project Manager, cement kept in storage for longer than 8 weeks shall not be used in the works.

Any cement that contains lumps that cannot easily be crumbled to powder between the fingers, may not be used.

It is of prime importance that OPC to be used in concrete structures shall always be stored in a cool environment, and it is strongly advised that OPC silos be painted white to reduce any temperature rise in the stored cementitious material.

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PSGA 3.3 **Water**

To limit heat gain in concrete for water retaining structures, the temperature of the mixing water must preferably be below 20 °C when added to the concrete mix.

PSGA 3.4 **Aggregates**

PSGA 3.4.1 **Applicable Specifications**

The maximum size of well graded aggregate shall be 19 mm for the concrete used in all other structures.

The maximum water absorption of the coarse aggregate shall not exceed 1% and the flakiness index shall not exceed 25%.

Aggregate to be used in this contract shall be tested in accordance with subsection C-15 of SANS 1245 of 1994 to determine whether they are potentially alkali-aggregate reactive. If they are alkali-aggregate reactive they shall either be replaced with aggregates that are not alkali-aggregate reactive or the requirements of PSGA 3.2 in the respect of alkali-aggregate reactivity shall apply.

The content of chloride ion in the aggregates shall be determined and shall be within the limits specified in SANS 1083. Test results of this regard shall be submitted to the Project Manager.

At bid stage the Contractor shall assure himself by means of tests and test mixes by an accredited laboratory that the fine and coarse aggregates that he intends to use comply with the specification. The bid rates shall therefore be deemed to allow for the importation of aggregates that do comply with the specification.

The Contractor shall be responsible for locating the sources of all aggregate. It shall be the contractor's responsibility to ascertain the sufficiency of the supplies and their conformity to the requirements of the respective specifications. The Contractor shall not be entitled to claim for additional costs arising from the rejection of concrete aggregates, which do not meet the requirements of the specifications.

Initials.....

PSGA 4 PLANT

PSGA 4.4 Formwork

PSGA 4.4.1 Design

All internal and exposed external angles in concrete shall have 25 mm x 25 mm fillets and chamfers respectively unless otherwise specified or ordered.

PSGA 4.5 Cube Mould (New Clause)

At least 2 (two) 150 mm cube moulds and a temperature controlled water-bath for curing the concrete cubes shall be available on Site at all times.

PSGA 5 CONSTRUCTION

PSGA 5.1 Reinforcement

PSGA 5.1.2 Fixing

The Contractor shall give the Project Manager at least 24 hours' notice, in which time the Project Manager shall have time to inspect the fixed reinforcement if needed, of his intention to close up the shuttering around the reinforcement.

PSGA 5.1.3 Cover

The cover of all concrete on the Works shall be a minimum of 30 mm unless specified otherwise.

PSGA 5.2 Formwork

PSGA 5.2.3 Removal of Formwork

PSGA 5.2.3.1 Add the following to sub clause 5.2.3.1

Formwork for PFA concrete shall remain in place after placing of the concrete as indicated in Table 1 for Portland Blast furnace cement.

PSGA 5.4 Concrete

PSGA 5.4.1 Quality

PSGA 5.4.1.3 Workability

The workability range for all PFA concrete (slump) shall be between 50 and 75 mm.

Initials.....

PSGA 5.4.1.5 Strength Concrete

All concrete shall be Class 30 MPa / 19 mm.

The maximum allowable standard deviation (S.D) shall be 4.5 MPa.

PSGA 5.4.1.7 Chloride content (New clause)

Efflorescence will not be acceptable on any exposed concrete surface.

PSGA 5.4.1.8 Durability (New clause)

The maximum ratio of water to cementitious material shall be 0.45 with a minimum of 420 kg/m³ cement content for all concrete works on this project.

PSGA 5.4.2 Batching

Batching of strength concrete shall be by mass.

PSGA 5.4.3 Mixing**PSGA 5.4.3(g) Ready-mixed concrete (New clause)**

The use of ready-mixed concrete for this Contract will only be permitted if adequate proof of quality control for the specific design mix can be provided to the Project Manager.

PSGA 5.4.5.5 Casting of concrete in excavation (New clause)

Structural concrete shall not be cast directly against the side of any excavation without the use of formwork unless prior approval has been obtained in writing from the Project Manager.

PSGA 5.4.7 Curing and Protection

Replace paragraphs (a) to (c) by the following:

Curing shall be as specified below, unless otherwise approved by the Project Manager, for:

- (a) Surfaces shall be protected with approved plastic sheets that comply with the requirements as specified below immediately after the prescribed surface finishing has been completed. When the concrete has gained sufficient strength to prevent damage to the surface thereof, the plastic sheets shall be removed on a regular basis to allow the application of more water to the concrete to ensure that it is kept moist continuously. Plastic sheets shall be reinstalled after each wetting of the concrete. The curing period shall be at least 10 days.

The sheeting shall be firmly held in place at its edges by means that do not damage the fresh concrete.

Initials.....

- (b) Notwithstanding the preceding specifications, the Contractor shall also ensure that the concrete shall not be exposed to thermal shocks during the first 28 days after casting and he shall take the necessary, additional precautions to shield the concrete with plastic sheets or hessian during extreme warm, cold or windy weather. Hessian shall be wetted should the conditions necessitate this. Curing methods shall be such that saturation and subsequent damage to soil foundations is prevented. The Contractor shall make allowance in his rates for the above mentioned curing methods.

c) **Curing compound**

The use of membrane curing compounds will be allowed on vertical faces or steeply inclined faces (i.e. steeper than 45 to the horizontal) of cast-in-situ members of the structures subject to the Contractor producing sufficient, satisfactory cube crushing strength test results where the crushing strength of cubes which have been cured with the proposed curing membrane and left exposed to the elements are compared with those of an equal number of water cured cubes. The crushing strength of cubes cured with the proposed curing membrane shall be at least 85% of the crushing strength of the water cured cubes.

Before any membrane curing compound is used, each batch shall be tested on a trial surface to ensure that it forms a satisfactory membrane and any compound which is unsatisfactory, in the opinion of the Project Manager, shall be rejected. Curing membranes will be disallowed if discoloration of the concrete takes place. Surfaces where curing membranes are used shall be treated in such a manner that the final concrete texture and colour blends in with the rest of the concrete work. Furthermore, the Project Manager shall, at his discretion require the Contractor immediately to adopt an effective alternative means of curing any area of the structure to which a membrane has been applied, which in the opinion of the Project Manager is unsatisfactory. The curing compound used shall be to the approval of the Project Manager. Wax based curing compounds will not be permitted.

The curing compound shall be applied immediately as formwork is progressively stripped. It shall preferably be applied by spraying and the rate of application shall be strictly in accordance with the manufacturer's recommendations. A method of monitoring the area to which curing compound has been applied and the application rate shall be as approved by the Project Manager's Representative and rigidly applied by the Contractor.

PSGA 5.4.8 **Concrete Surfaces**

PSGA 5.5.8.2 **Add the following to sub clause 5.5.8.2:**

(1) **Wood-floated Finish**

When a wood-floated finish is specified, the surface shall first be treated as specified in sub clause 5.5.8.1, and after the concrete has hardened sufficiently, it shall be floated to a uniform surface free from trowel marks.

The levelled surface shall be wood floated either by hand or by machine only, to remove trowel marks.

PSGA 5.4.10 Defects

5.4.10.1 Add the following to sub clause 5.5.10.1:

All defects to the concrete shall be attended to, in full, as soon as possible after the formwork is removed. Further concreting of the element concerned may be prohibited by the Project Manager until he is satisfied that this remedial work has been satisfactorily attended to.

5.4.10.2 Add the following sub clause 5.4.10.2:

The method of repair of defects in the concrete shall be by approved epoxy primer, epoxy and filler applied strictly according to the manufacturer's specification or such other methods acceptable to the Project Manager. Cementitious mortar may not be used for such remedial works. All repair materials shall be of an equivalent thermal and structural elasticity to concrete.

PSGA 5.4.11 Adverse Weather Conditions (New clause)

The temperature of the concrete when deposited shall not be allowed to exceed 25°C.

PSGA 5.4.13 Records (New clause)

Add the following sub clauses:

(d) The quality, proportions, water content and test results of each cast.

The records shall be kept up to date, be readily available for inspection and shall be submitted as soon as possible.

PSGA 6 TOLERANCES

PSGA 6.4 General

In general, Degree of Accuracy II shall apply except that abrupt changes in a continuous surface shall not be more than 3 mm.

PSGA 7 TESTS

PSGA 7.1.2. Frequency of Sampling

PSGA 7.1.2.3 Omit sub clause 7.1.2.3 and replace with the following:

The structural concrete shall be designed to meet its specified strength at 28 days after casting. A set of 6 cubes shall be taken from each simultaneous casting of concrete and from at least every 50 m³ of placed concrete, of which 3 are to be tested at 7 days and 3 at 28 days. Thus if the contractor cast concrete on more than

one structure in a day, a set of 6 cubes shall be taken from the concrete of each structure.

PSGA 7.2 Testing

PSGA 7.2.1 General

Add the following:

The Contractor shall allow for all the costs for testing in his rates.

PSGA 8 MEASUREMENT AND PAYMENT

PSGA 8.1 Measurement and Rates

PSGA 8.1.1 Formwork

No separate payment will be made for chamfers and fillets 25 mm or less in size.

PSGA 8.1.2.1 Reinforcement

The rate shall cover the cost of supply, cutting, bending, placing in position, and fixing of the reinforcing and supporting steel scheduled, and the provision of all spacer devices and binding wire, as well as the cost of tests in terms of SANS 920. The rate for welded mesh shall cover the supply, cutting and placing of mesh, as well as the cost of all waste due to laps.

PSGA 8.1.4 Concrete Complete with Formwork

In addition to the items specified under Sub clause 8.1.4, the rates for concrete complete with formwork shall cover the costs of:

- (i) the preparation of design mixes by an approved laboratory,
- (ii) Using one of the curing methods specified in PSGA 5.4.7,

PS 1. STEEL STRUCTURE SHED

The construction shed entails the excavation, compaction, concrete works, structural steel works and roof according to drawing NWM001& NWM002

The scope of works comprises of the following:

- Construction of reinforced concrete column footings and stubs;
- Construction of a 200mm thick reinforced concrete slab floor;
- Erection of structural steel portal frames, structural steel gantry and cladding for the roof.

Initials.....

PJ**CLEANING AND FINISHING****PJ 1 SCOPE****PJ 1.1**

This Section covers the final finishing and cleaning up of the Works and Site, and the disposal of excess material at places approved by the Project Manager. Final finishing and cleaning will be done strictly according to the specifications stipulated in the EMP

This Section does not cover the disposal of unsuitable excavated material, the finishing of quarries or borrow pits, the finishing of any backfill, the cleaning and finishing of concrete and other finishes described elsewhere in the specification or for which separate payment clauses exist.

PJ 2 INTERPRETATIONS

Not applicable to this specification

PJ 3 MATERIALS

Not applicable to this specification.

PJ 4 PLANT

Not applicable to this specification.

PJ 5 CONSTRUCTION**PJ 5.1 Precautions****PJ 5.1.1 Safety**

The requirements of Sub clause 5.1.1 of SANS 1200 D or SANS 1200 DA (as applicable) shall apply.

Initials.....

PJ 5.2 Methods and Procedures

PJ 5.2.1 General

After completion of the work which is to be executed under this Contract, the Works and the Site shall be finally and neatly cleaned and finished off by means of suitable machines and equipment and hand labour where required until a neat and clean appearance is obtained. The Contractor shall ensure that completed and approved work is not damaged during the cleaning up operations. If any part is damaged it shall immediately be rectified to comply with the required specification for the particular part of the Works. Camping Sites shall be neatly cleaned and all rubbish shall be disposed at places approved by the Project Manager.

PJ 5.2.2 Cleaning

Loose stones, felled trees, roots and all other rubbish on fill or on the sides of streams shall be removed to give the site a neat appearance. Storm water drains shall be cleaned of debris, soil, silt and other material.

Concrete floor panels from temporary buildings and any excess concrete dumped on the site shall be broken up and disposed of in areas approved by the Project Manager and covered over to the satisfaction of the Project Manager

PJ 5.2.3 Finishing

Permanent access roads required for future use by the Employer and other permanent roads in the general works area shall be graded so as to remove all corrugations and all imperfections made good in such a way that the specified shape is maintained and the surface is not loosened. Dragging, pushing or scraping waste material along across these roads will not be permitted.

Care shall be taken not to damage culvert headwalls and drains when doing this work. All cutting, fills and drains shall be trimmed and finished to the original lines and grades or as required by the Project Manager. All intersecting slopes shall be neatly rounded. Excess debris or other waste material adjacent to culverts and drainage structures shall be removed and trimmed as directed by the Project Manager.

PJ 6 TOLERANCES

PJ 6.1

After the completion of cleaning and finishing as described in this specification, all work shall be within the tolerances required by the relevant specification for each portion of the work.

PJ 7 TESTING

Not applicable to this specification.

PJ 8 MEASUREMENT AND PAYMENT**PJ 8.1 Cleaning and Finishing**

Unit: Lump sum

Payment shall be a lump sum to provide for all expenses in connection with this work. The bid lump sum shall be a fixed amount and shall not be subject to any variation as far as quantity is concerned.

PJ 9: HEALTH AND SAFETY

The Contractor shall comply with Namibian statutory requirements on Health and Safety and with NamWater's Safety codes and practices as highlighted in Chapter 10 of NamWater HR policy Section 3.4, subsection 3.4.1.

The Contractor shall also submit a Notice of Commencement to the Ministry of Labor, Industrial Relations and Employment Creation **30 days** prior to project commencement as required by Labour Act 11 of 2007, Section 39 read together with Regulation 20 of Health and Safety of the Employees.

The Contractor shall further required to submit a comprehensive Safety Files to NamWater prior to commencement of the project. The content of the Safety File are provided in the **Annexure** to the bidding document.

B. DRAWINGS**Description:**

- STRUCTURAL STEEL DETAILS
- STEEL FOUNDATION DETAILS

Initials.....

SECTION IV: PRICED ACTIVITY SCHEDULE

Procurement Reference Number: **W/RFQ/NW-010/2026**

[Complete the unit and total prices for each item listed below. Authorise the prices quoted in the signature block below.]

The quantities shown below are approximate and not subject to re-measurement for payment purposes.

<u>Item No</u>	<u>Brief Description of Works</u>	<u>Unit of Measure</u>	<u>Quantity</u>	<u>Unit Price</u>	<u>Total Price</u>
				(N\$)	(N\$)
	EXCAVATION, FILLING, ETC				
	<u>Excavation in earth not exceeding 2m deep</u>				
<u>1</u>	<u>Holes</u>	<u>m³</u>	<u>8,00</u>		
	FILLING, ETC				
	<u>Earth filling obtained from the excavations and/or prescribed stock piles on site, compacted to 98% Mod AASHTO density</u>				
<u>2</u>	<u>Backfilling to trenches, holes, etc</u>	<u>m³</u>	<u>3,5</u>		
	<u>Filling of 2% soilcrete (soil stabilisation)</u>				
<u>3</u>	<u>Under aprons</u>	<u>m³</u>	<u>2</u>		
<u>4</u>	<u>Bases</u>	<u>m³</u>	<u>2,5</u>		
	<u>Compaction of ground surfaces</u>				
<u>5</u>	<u>Compaction of natural or excavated ground surface under floors etc, including scarifying for a depth of 150mm, breaking down oversize material, adding suitable material where necessary and compacting to 98% Mod AASHTO density</u>	<u>m²</u>	<u>102,00</u>		
	<u>WEED KILLERS, INSECTICIDES, ETC</u>				
	<u>Soil insecticide in accordance with</u>				

Initials.....

	<u>SANS 5859</u>				
<u>6</u>	<u>Under floors etc, including forming and poisoning shallow furrows against foundation walls etc, filling in furrows and ramming</u>	<u>m²</u>	<u>101,00</u>		
<u>8</u>	<u>To bottoms and sides of trenches etc</u>	<u>m²</u>	<u>50,00</u>		
	<u>REINFORCED CONCRETE CAST ON/IN FORMWORK</u>				
	<u>30MPa/19mm concrete</u>				
<u>9</u>	<u>Columns in foundations</u>	<u>m³</u>	<u>0,50</u>		
	<u>REINFORCED CONCRETE CAST AGAINST EXCAVATED SURFACES</u>				
	<u>30MPa/19mm concrete</u>				
<u>10</u>	<u>Bases</u>	<u>m³</u>	<u>4,00</u>		
	<u>25MPa/19mm concrete</u>				
<u>11</u>	<u>Surface beds cast in panels on waterproofing</u>	<u>m³</u>	<u>16,50</u>		
<u>12</u>	<u>Aprons cast in panels on waterproofing</u>	<u>m³</u>	<u>2,00</u>		
<u>13</u>	<u>Extra for thickening out 100mm thick concrete apron to form toe size 250mm x 200mm deep overall with one edge splayed, including</u>	<u>m</u>	<u>28,50</u>		
	<u>TEST CUBES</u>				
<u>14</u>	<u>Making and testing 150 x 150 x 150mm concrete strength test cube</u>	<u>No</u>	<u>6,00</u>		
	<u>CONCRETE SUNDRIES</u>				
	<u>Finishing top surfaces of concrete smooth with a wood float</u>				
<u>15</u>	<u>Surface beds, slabs, etc to falls and currents</u>	<u>m²</u>	<u>82,00</u>		
<u>16</u>	<u>Apron to falls and currents</u>	<u>m²</u>	<u>19,00</u>		

Initials.....

	<u>65 MPa non-shrink grout</u>				
<u>17</u>	<u>Bedding approximately 20mm thick under 380 x 300mm base plate</u>	<u>No</u>	5,00		
<u>18</u>	<u>Square stub columns in foundations</u>	<u>m²</u>	0,50		
<u>19</u>	<u>Edges, risers, ends and reveals not exceeding 300mm high or wide</u>	<u>m</u>	26,00		
	<u>MOVEMENT JOINTS ETC</u>				
	<u>Expansion joints with 10mm bitumen impregnated softboard between vertical concrete surfaces, including necessary formwork</u>				
<u>20</u>	<u>Not exceeding 300mm high through slabs</u>	<u>m</u>	28,50		
	<u>REINFORCEMENT (CPAP WORK GROUP NO. 114)</u>				
	<u>Mild steel reinforcement to structural concrete work</u>				
<u>21</u>	<u>20mm Diameter bars</u>	<u>Kg</u>	102,00		
	<u>High tensile steel reinforcement to structural concrete work</u>				
<u>22</u>	<u>10mm Diameter bars</u>	<u>Kg</u>	20,50		
<u>23</u>	<u>16mm Diameter bars</u>	<u>Kg</u>	154,50		
	<u>Fabric reinforcement</u>				
<u>24</u>	<u>Type 395 fabric reinforcement in concrete surface beds etc</u>	<u>m²</u>	101,00		
	<u>DAMPPROOFING OF FLOORS</u>				
	<u>One layer 250 micron green polyethylene waterproof sheeting (SANS 952-1985 type C) sealed at laps with PVC self-adhesive tape</u>				
<u>25</u>	<u>Under surface beds</u>	<u>m²</u>	101,00		

Initials.....

	<u>WATERSTOPS, SEALING STRIPS, JOINT SEALANTS, ETC</u>				
	<u>A.B.E' or similar approved two-part grey polysulphide sealing compound including backing cord, bond breaker, primer, etc</u>				
<u>26</u>	<u>10 x 10mm In expansion joints in floors including raking out expansion joint filler as necessary</u>	<u>m</u>	28,50		
	<u>PROFILED METAL SHEETING AND ACCESSORIES</u>				
	<u>0,58mm Z275 spelter galvanised IBR steel sheets fixed to steel purlins or rails</u>				
<u>27</u>	<u>Roof covering with pitches not exceeding 25 degrees</u>	<u>m²</u>	82,00		
<u>28</u>	<u>Extra over roof covering for bullnose (lip down) to 450mm radius, at eaves ends</u>	<u>m</u>	14,50		
	<u>0,6mm Z275 spelter galvanised steel sheet accessories to preceding roof covering</u>				
<u>29</u>	<u>Roll-top type ridge cappings 405mm girth, including dressing edges into corrugations of roof covering on both sides</u>	<u>m</u>	7,50		
	<u>STEEL PORTAL FRAMES</u>				
	<u>Welded portal frames with flat bearer, gusset and connection plates and angle cleats, bolted to concrete</u>				
<u>30</u>	<u>Double pitched portal frames 11m wide x 4.2m high extreme of 203 x 133mm x 30kg/m I-section rafters and columns</u>	<u>Kg</u>	1456,5		
	<u>STEEL PURLINS, GIRTS, BRACING, ETC</u>				
	<u>Purlins and girts, bolted to steel</u>				

Initials.....

<u>31</u>	<u>150 x 50 x 20 x 3mm Thick cold-formed lipped channel purlins</u>	<u>Kg</u>	370,00		
<u>32</u>	<u>150 x 50 x 20 x 3mm Thick cold-formed lipped channel girts</u>	<u>Kg</u>	95,50		
	<u>Welded bracing, anti-sag rails, etc with angle connection plates, bolted to steel</u>				
<u>33</u>	<u>50 x 50 x 5mm Angle anti-sag rails</u>	<u>Kg</u>	79,50		
<u>34</u>	<u>16mm Round anti-sag rods with threaded ends, including nuts and washers</u>	<u>Kg</u>	33,00		
	<u>Cleats</u>				
<u>35</u>	<u>120mm Long, 50 x 50 x 5mm Angle cleats welded to portal frames and bolted to purlins and girts</u>	<u>Kg</u>	26,00		
	<u>BOLTS, FASTENERS, ETC</u>				
	<u>Bolts</u>				
<u>36</u>	<u>M12 High tensile bolt, washer and nut (class 8.8)</u>	<u>No</u>	50,00		
<u>37</u>	<u>M16 High tensile bolt, washer and nut (class 8.8)</u>	<u>No</u>	110,00		
	<u>Anchors</u>				
<u>38</u>	<u>20mm Diameter L-shaped threaded anchor bolt 1 150mm girth embedded in concrete</u>	<u>No</u>	30,00		
	<u>BASE PLATES, CONNECTION PLATES, ETC.</u>				
	<u>Base plates</u>				
<u>39</u>	<u>300 x 380 x 12mm Mild steel base plate holed six time for M20 anchor bolts (bolts measured elsewhere)</u>	<u>No</u>	5,00		
	<u>Connection plates</u>				

Initials.....

<u>40</u>	<u>410 x 146 x 10mm Mild steel connection plate holed four times on each side for M16 bolts (bolts measured elsewhere) and welded to rafter</u>	<u>No</u>	10,00		
<u>41</u>	<u>260 x 146 x 10mm Mild steel connection plate holed three times on each side for M16 bolts (bolts measured elsewhere) and welded to rafter</u>	<u>No</u>	5,00		
	<u>Stiffener plates</u>				
<u>42</u>	<u>380 x 75 x 8mm Mild steel stiffener plates welded to columns</u>	<u>No</u>	10,00		
<u>43</u>	<u>75 x 75 x 8mm Mild steel stiffener plates welded to columns</u>	<u>No</u>	20,00		
	<u>ON NEW METAL SURFACES</u>				
	<u>One coat alkyd based zinc phosphate primer and two coats premium quality polyurethane enamel paint, on steel</u>				
<u>44</u>	<u>Portal frames</u>	<u>m²</u>	45,00		
<u>45</u>	<u>Purlins and girts</u>	<u>m²</u>	43,50		
<u>46</u>	<u>Angle sag bars</u>	<u>m</u>	21,00		
<u>47</u>	<u>Round bracing bars</u>	<u>m</u>	21,00		
<u>48</u>	<u>Painting to base plates, connection plates, etc.</u>	<u>Item</u>	0,50		
SUB-TOTAL					
10% CONTINGENCIES					
TOTAL EXCLUDING VAT					
15% V.A.T					
TOTAL INCLUDING VAT					

*Columns A to D to be completed as applicable by the Public Entity

Priced Activity Schedule Authorised By:

Name:		Signature:	
Position:		Date:	
Authorised for and on behalf of:	Company		

Initials.....

SECTION V: SPECIFICATIONS AND PERFORMANCE

REQUIREMENTS

Technical Specifications

APPLICABLE STANDARD AND PARTICULAR SPECIFICATIONS

Although not bound in or issued with this Document the following Standard Specifications shall apply for the purposes of this contract.

- | | | |
|-----------------|---|--|
| 1. SABS 1200 A | : | General |
| 2. SABS 1200 C | : | Site clearance |
| 3. SABS 1200 D | : | Earthworks |
| 4. SABS 1200 G | : | Concrete (structural) |
| 5. SABS 1200 H | : | Structural Steel |
| 6. SABS 1200 HA | : | Structural Steelwork (Sundry Items) |
| 7. SABS 1200 HB | : | Cladding and Sheeting |
| 8. SABS 1200 HC | : | Corrosion protection of structural steelwork |
| 9. SABS 1200 L | : | Medium - pressure pipelines |

The Standard Specifications as amended in Portion 3 are deemed to form an integral part of this tender document. The contractor must make his own arrangements for obtaining the specifications and keep copies of all listed specifications on site.

In addition to the Project Specifications, the following Particular Specifications that are not covered in SABS 1200 are bound into this Document in Portion 3 and shall apply.

PR Cleaning & Finishing

Should anything appear in the above-mentioned Particular Specifications which is at variance with the SABS standard specifications or the drawings, the Particular Specifications and Bid Drawings shall prevail.

Initials.....

SECTION V: SPECIFICATIONS AND COMPLIANCE SHEET

Procurement Reference Number: W/RFQ/NW-010/2026

[Bidders should complete columns C and D with the specifications and performance of the Works offered. Also state “comply” or “not comply” and give details of any non-compliance/deviation to the specifications required. Attach detailed technical literature if required. Authorise the specifications offered in the signature block below]

Item No	Specifications and Performance Required	Compliance of Specifications and Performance Offered	Details of Non-Compliance/ Deviation (if applicable)
A*	B*	C	D
1.	SABS 1200 A		
2.	SABS 1200 C		
3.	SABS 1200 D		
4.	SABS 1200 G		
5.	SABS 1200 H		
6.	SABS 1200 HA		
7.	SABS 1200 HB		
8.	SABS 1200 HC		
9.	SABS 1200 L		

* Columns A and B to be completed by Public Entity.

Initials.....

Specifications and Compliance Sheet Authorised By:

Name:		Signature:	
Position:		Date:	
Authorised for and on behalf of:	Company		

Initials.....

SECTION VI: GENERAL CONDITIONS OF CONTRACT AND CONTRACT AGREEMENT

Any resulting contract shall be placed by means of a Purchase Order/Letter of Acceptance and shall be subject to the General Conditions of Contract (GCC) for the Procurement of Goods (Ref. **W/RFQ-GCC**) available on the website of the Public Entity (*insert website address*) except where modified by the Special Conditions below

SECTION VIII SPECIAL CONDITIONS OF CONTRACT

Procurement Reference Number: W/RFQ/NW-010/2026

The clause numbers given in the first column correspond to the relevant clause number of the General Conditions of Contract.

GCC Clause Reference	Special Conditions
Employer GCC 1.1(r)	Namibia Water Corporation Ltd (NamWater)
Intended Completion Date GCC	The intended completion date is: Two (2) months after official site handover
Project Manager GCC 1.1(y)	The Project Manager is: NamWater Maintenance Manager for BUNE
Site GCC 1.1(aa)	The Site is located at Oshakati NamWater Maintenance Worksop & offices
Start Date GCC 1.1(dd)	The Start Date shall be: 14 days from site handover.
The Works GCC 1.1(hh)	The Works consist of: Construction of Washing Bay Structure for Heavy Equipment for Oshakati Area Office
Interpretation GCC 2.2	The project will be completed in the following sections: 1. Steel Roof Construction 2. Concrete Work
Interpretation GCC2.3	The following additional documents shall form part of the contract: Contractor supporting documentation.

Initials.....

GCC Clause Reference	Special Conditions
Language and Law GCC 3.1	The language of the contract is English The law that applies to the Contract is the law of Namibia.
Project Manager's Decisions 4.1	The Project Manager shall obtain specific approval from the Employer before carrying out any of his duties under the Contract which in the Project Manager's opinion will cause the amount finally due under the Contract to exceed the Contract Price or will give entitlement to extension of time. This requirement shall be waived in an emergency affecting safety of personnel or the Works or adjacent property.
Delegation GCC 5.1	The Project Manager may delegate his/her duties.
Notices GCC 6	Any notice shall be sent to the following addresses: For the Employer, the address shall be as given on the page 2 of this Bidding Document and the contact name shall be NamWater Procurement Management Unit bids@namwater.com.na Tell no: 061712041 Private Bag 13389 Windhoek, Namibia. For the Contractor, the address shall be as given on the first page of the Purchase Order/Letter of Acceptance and the contact name shall be
Insurance GCC 13.1	Except for the cover mentioned in (d)(i) hereunder, the other insurance covers shall be in the joint names of the Contractor and the Employer and the minimum insurance amounts shall be: (a) for the Works, Plant and Materials: for the full amount of the works including removal of debris, professional fee etc. (b) for loss or damage to Equipment: for the replacement value of the equipment that the contractor intends to use on site until the taking over by the Employer. (c) for loss or damage to property (except the Works, Plant, Materials, and Equipment) in connection with Contract for an amount representing the value of the properties that are exposed to the action of the contractor in the execution of the works. It will extend to the property of the Procuring Entity as well). (d) for personal injury or death:

Initials.....

GCC Clause Reference	Special Conditions
	(i) of the Contractor's employees: The Contractor shall take an adequate insurance cover for its employees for any claim arising in the execution of the works. (ii) of other people: This cover shall be for an adequate amount for Third Party extended to the Employer and its representatives. (e) for loss or damage to materials on-site and for which payment have been included in the Interim Payment Certificate, where applicable. The Contractor shall choose to take the insurance covers indicated above as separate covers or a combination of the Contractor's All Risks coupled with the Employer's liability and First Loss Burglary, after approval of the Employer. All insurance covers shall be of nil or the minimum possible deductibles at sole expense of the contractor.
Site Date GCC 14.1	The site Data shall be: 1. NamWater Oshakati Maintenance Workshops Area
Possession of the Site GCC 20.1	The Site Possession Date shall be: Two (2) Weeks after signing of contract.
Procedure for Disputes GCC 24	No Adjudicator shall be appointed under the contract and arbitration shall not apply. If any dispute arises between the Employer and the Contractor in connection with or arising out of the Contract, the parties shall seek to resolve any such dispute by amicable agreement. If the parties fail to resolve such dispute by amicable agreement, within 14 days after one party has notified the other in writing of the dispute, then the dispute shall be referred to court by either party.
Program GCC 25.1	The Contractor shall submit for approval a Program at the signing of the contract or issue of Purchase Order Agreement.
GCC 25.3	Program updates Shall be required.
Defects Liability Period GCC 33.1	The Defects Liability Period is: 12 months.
Payment Certificates GCC 39.7	"Monthly Payment shall be made as per progress of works with payment for materials on site".

Initials.....

GCC Clause Reference	Special Conditions
Payments GCC 40	The amount certified by the Project Manager shall be paid in full within 30 days of receipt by the Employer of an invoice, supported by: (a) the payment certificate; and (b) a certificate of Completion of the Works.
Adverse weather Conditions GCC 41.1 (l)	Adverse rainfall during rainy season exceeding average rainfall for area
Price Adjustment GCC 44.	The Contract is not subject to price adjustment.
Retention GCC 45.	(i) 10% of the amount shall be retained from any payment. Half of the retention money will be released after formal taking over of the Works and the remaining shall be released after the Defect Liability Period subject to the Contractor making good all defects.
Liquidated Damages GCC 46.1	The liquidated damages for the whole of the Works are 0.5 per day. The maximum amount of liquidated damages for the whole of the Works is 10% of the contract value.
Bonus GCC 47.1	The rate for the Bonus per calendar day is: Not Applicable
Advance Payment GCC 48.1	(i) No advance payment shall be made.
Performance Security GCC 49.1	(i) No Performance Security is required.
GCC 56.1	“As built” drawings or operating and maintenance manuals are required.
GCC 59.1	The percentage to apply to the value of the work not completed, representing the Employer’s additional cost for completing the Works, is: 20% twenty percent.

Initials.....

SCHEDULE 2

QUOTATION CHECKLIST SCHEDULE

Procurement Reference No.: W/RFQ/NW-010/2026

Description	Attached	Not Attached
Quotation Letter		
List of Goods and Price Schedule		
Specification and Compliance Sheet		
Evidences for conformity of Goods		
Valid company Registration Certificate Copy from Ministry of Trade and Industry		
Original valid good standing Tax Certificate from Inland Revenue or a valid certified copy of an original certified by the Namibian Police of good standing Tax Certificate		
Original valid good Standing Certificate from Social Security Commission or a valid certified copy of an original certified by the Namibian Police of good standing Tax Certificate		
Valid Affirmative Action Compliance Certificate, proof from Employment Equity Commissioner that bidder is not a relevant employer, or exemption issued in terms of Section 42 of the Affirmative Action Act, 1998;		
Company Profile		
Reference letters and or completion certificate indicating similar work done		
Submit a Work Delivery Schedule		
Methodology for site management and safety in executing this work, taking cognizance of the heavy equipment and tools to be used		
Submit a comprehensive method statement indicating/focusing on the following areas; (Design, Site layout, Integration into the existing scheme, Anticipated water quality expected, Installation methodology & Operational and maintenance methodology)		

Initials.....

Submit comprehensive CV's of the Key employees allocated to this particular project		
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Disclaimer: The list defined above is meant to assist the Bidder in submitting the relevant documents and shall not be a ground for the bidder to justify its non-submission of major documents for its quotation to be responsive. The onus remains on the Bidder to ascertain that it has submitted all the documents that have been requested and are needed for its submission to be complete and responsive.

Initials.....

NAMWANTER SAFETY FILE REQUIREMENTS

Health and Safety Division

Please ensure that your safety file is created in this order. All information in this file must be specific to the site/project.

	DOCUMENTS REQUIRED	YES	NO	COMMENTS
1.	Notice of Commencement			
2.	Copy of the Labour Act and the Regulations			
3.	Company Health, Safety and Environmental Policy			
4.	Company HIV and AIDS Policy			
5.	Company letterhead with contact details			
6.	Company Profile			
7.	Public Liability (insurance cover)			
8.	Company Organogram (showing company reporting structure)			
9.	Site Team organogram with names and cell numbers of the specific team working on a specific site			
10.	Scope of work			
11.	List of employees working on this project (with their ID numbers and positions listed)			
12.	List of tools and equipment to be used on this project with Registers and Checklists Equipment maintenance records			
13.	Sub-contractor's internal Employee induction (focusing on specialize work, specific tasks, risk assessments related to these tasks, methods to be used, and general site safety)			
14.	Letter of appointment of Sub-contractor by Principal Contractor			
15.	Statutory Legal Appointments - MD/CEO's delegation of duties – attach ID, CV & certificates - Supervisor of construction work – attach ID, CV & certificates - Assistance supervisor of construction work – attach ID, CV & certificates - Safety officer – attach ID, CV & certificates - First aider (must be certified and certificate attached) - SHE representative (must be certified and certificate attached) - Fall protection plan developer – attach ID, CV & certificates - Risk assessor – attach ID, CV & certificates - Portable electrical tools inspector - Accident/Incident Investigator – attach ID, CV & certificates - Stacking and storage inspector - Hand Tools inspector - Operators appointments			
16.	Company's Health and Safety Plan (must be site-specific and related to your scope of work and signed by the CEO/owner)			
17.	Method statement (how you are going to do your work safely)			
18.	Hazard identification and risk assessments – based on method statement			
19.	Registers and checklists Material Safety Data Sheet (MSDS) register and supporting			

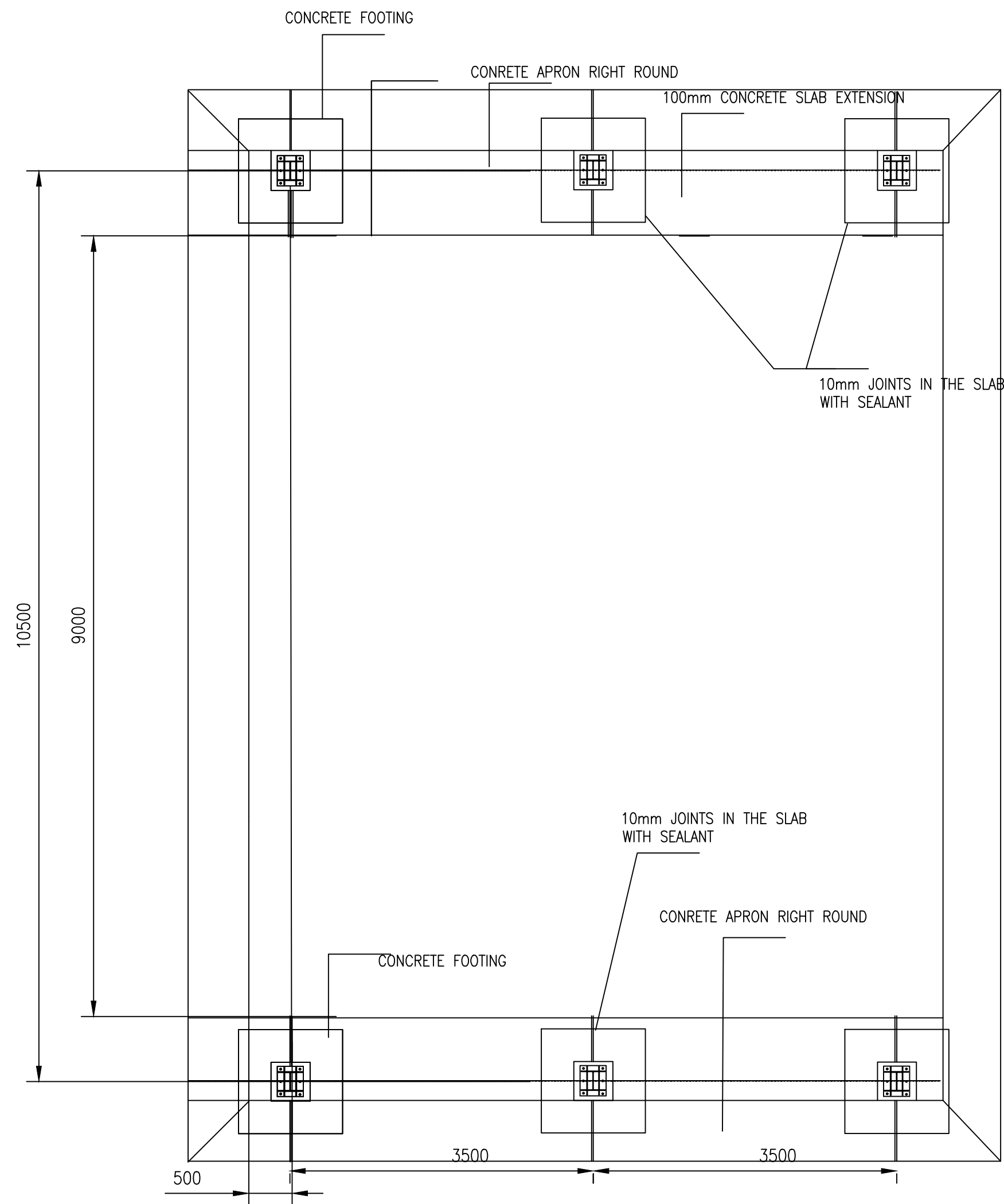
Initials.....

	documentation if hazardous substances will be used			
20.	Accident/Incident Procedure • Appointment of accident/incident investigator • Proof of competency of investigator (certificate and CV) • Accident/Incident Register			
21.	Medical Certificates for persons working above 2m, on scaffolding, painting, rooftops, and any person operating any machinery, etc.			
22.	Toolbox talks			
23.	Proof of employees' General Health Safety Training			
34.	Accident/Incident Investigation • Accident/Incident Register • Accident/Incident Reporting Procedure • Recording of the accident/ incident • Employers report of the accident • Emergency contact list			

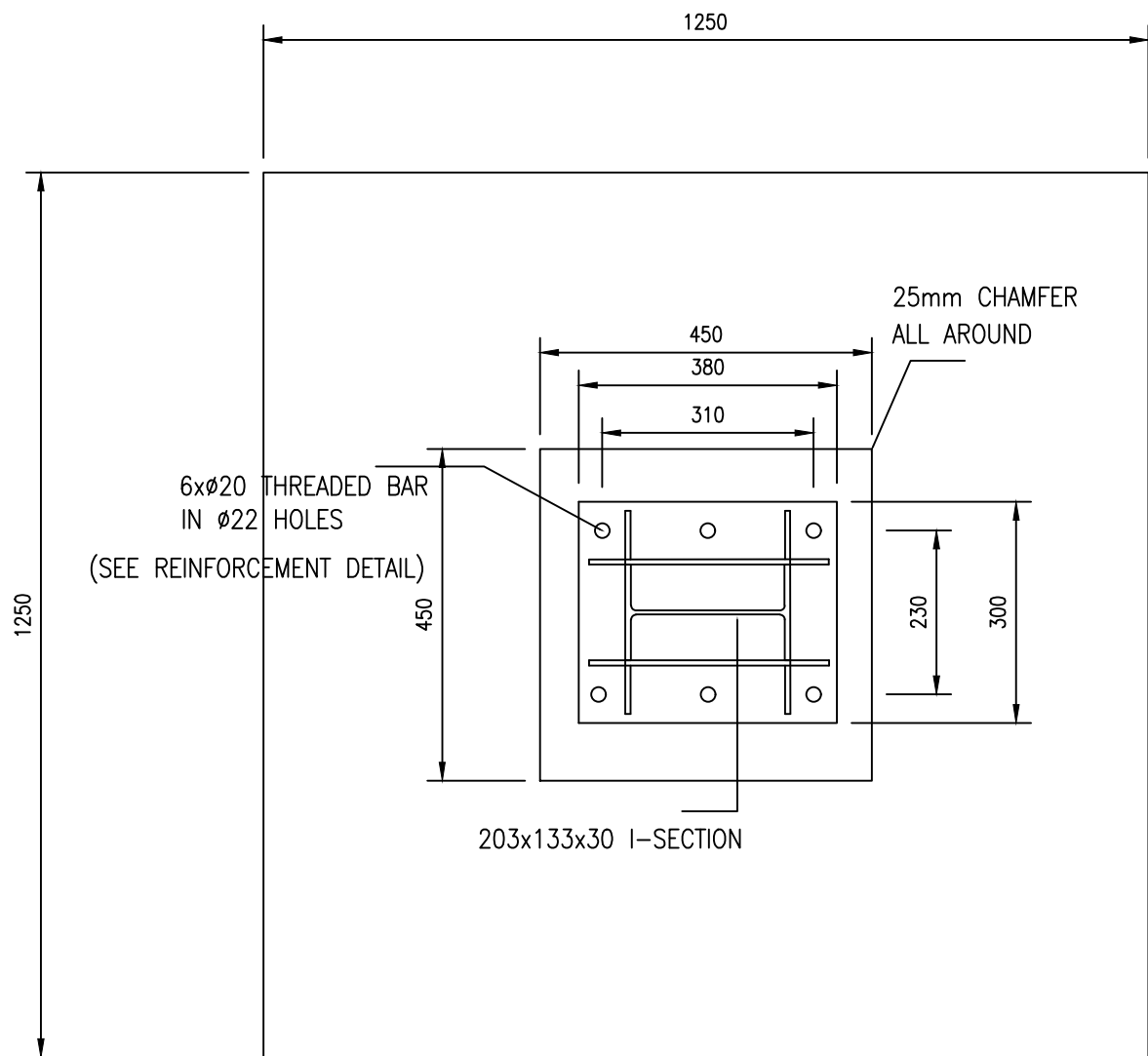
NB: You are responsible for providing the necessary PPE for your employees to conduct their work safely.

Date Received: _____ Assessed By: _____ Date: _____ Safety & Security Officer Approved/Not Approved: _____ Date Released: _____
Contractor Representative: _____ Date Received: _____
Comments:

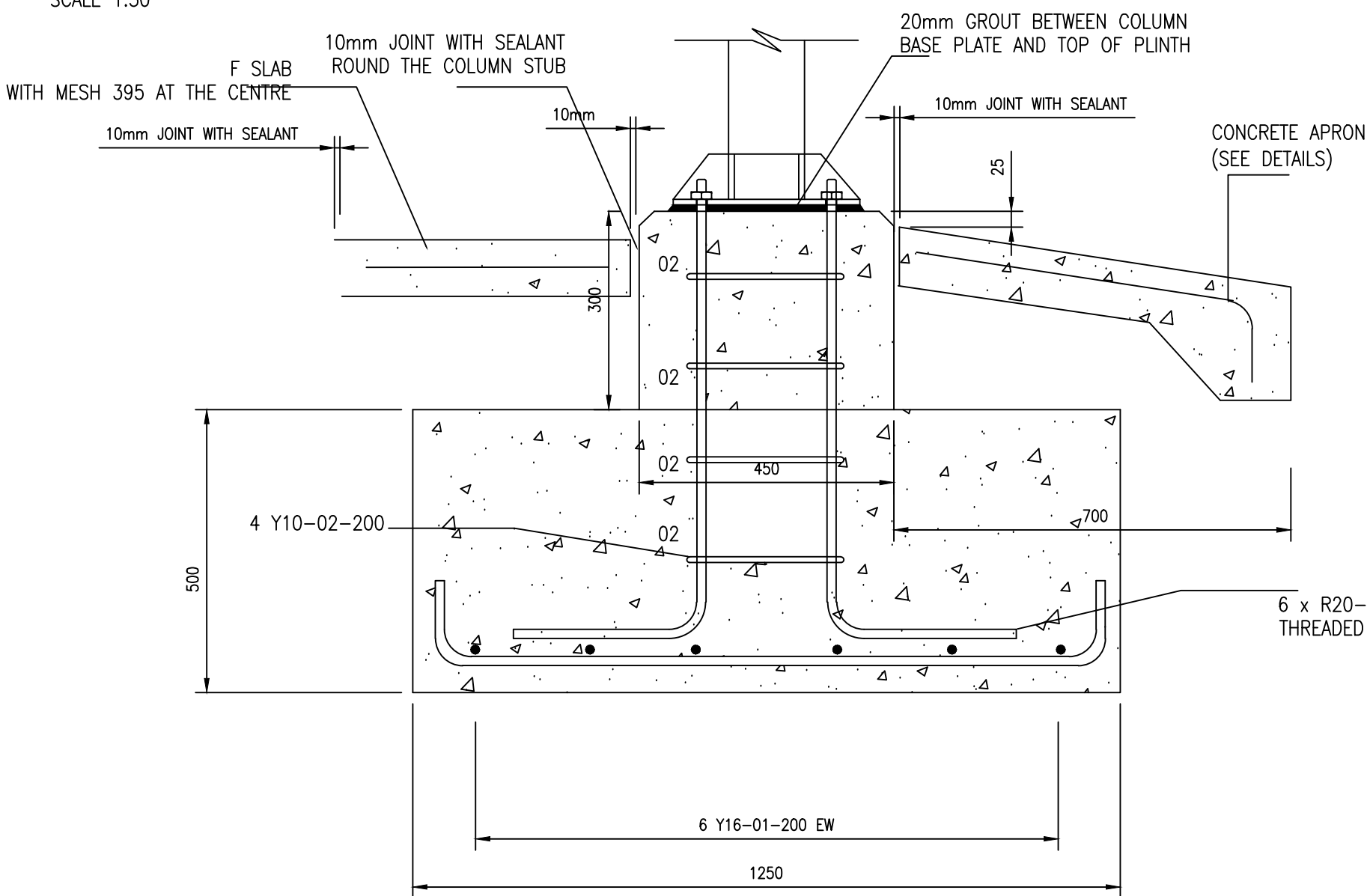
Initials.....



PLAN OF FLOOR SLAB
SCALE 1:50

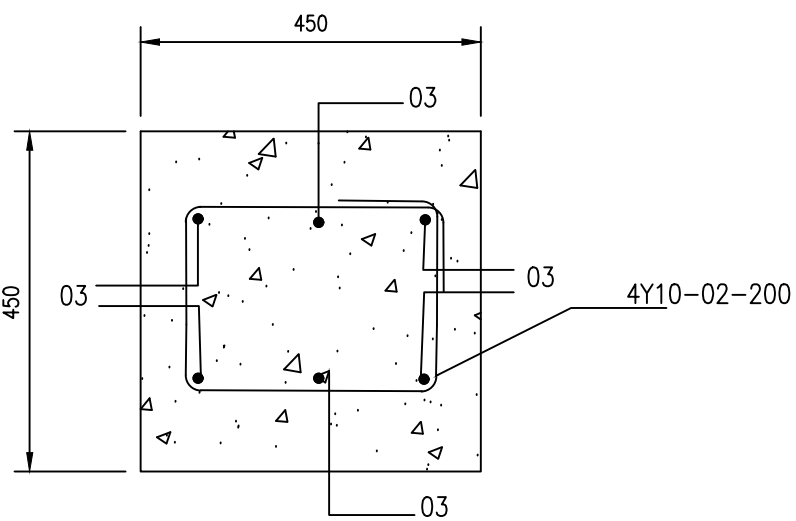


PLAN VIEW OF FOOTING
SCALE 1:10

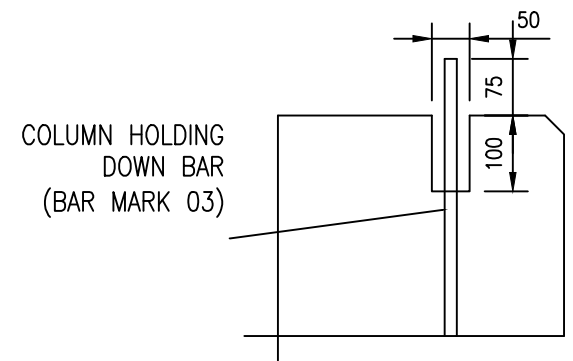


SIDE VIEW
SCALE 1:10

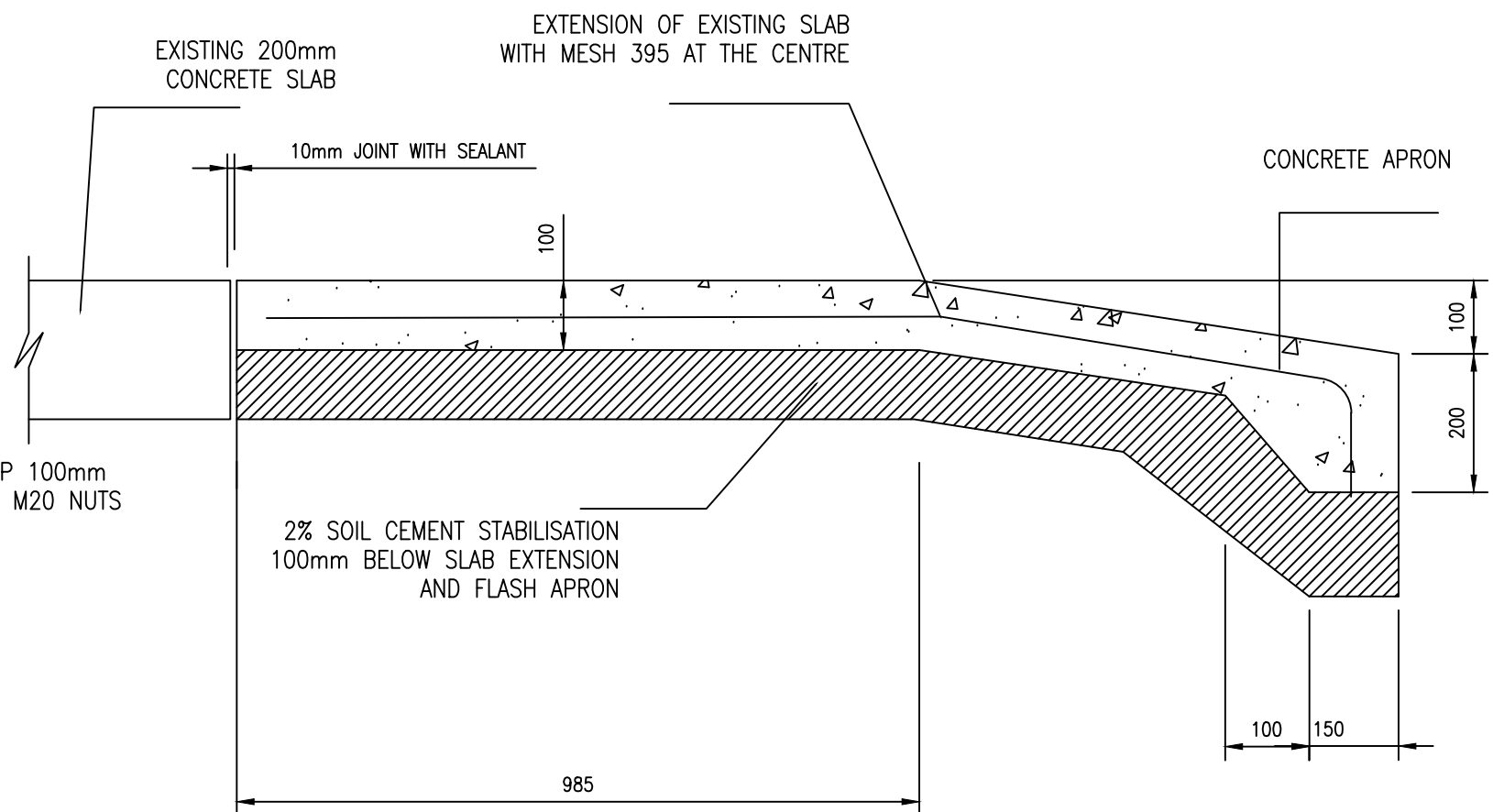
REINFORCEMENT SCHEDULE										
UNIT AND No. OFF	BAR MARK	TYPE & SIZE	No. PER UNIT	TOTAL No.	BAR LENGTH mm	BENDING DIMENSIONS ACCORDING TO SABS 82				
						SHAPE CODE	A mm	B mm	C mm	D mm
COLUMN BASE	01	Y16	12	132	1480	35	1180			
11 OFF	02	Y10	4	44	1500	60	350	270		
	03	R20	6	66	1250	37	810			



CROSS SECTION OF COLUMN STUB
SCALE 1:10



GROUT POCKET DETAIL
SCALE 1:10



SLAB EXTENSION DETAIL
SCALE 1:10

NOTES :

- ALL CONCRETE WORKS TO BE 25MPa/19mm WITH MIN. 35mm COVER, UNLESS OTHERWISE INDICATED.
- ALL EXPOSED CONCRETE CORNERS TO HAVE A 25x25 CHAMFER.
- FOR STRUCTURAL STEEL DETAILS, REFER TO DRAWING No. 1.
- 300mm THICK LAYER OF SOIL UNDER COLUMN FOOTINGS TO BE EXCAVATED AND REPLACED BY CALCRETE, COMPACTED TO 98% MOD AASHTO DRY DENSITY IN 150mm LAYERS.
- 100mm THICK LAYER OF 2% CEMENT STABILIZATION UNDER THE EXTENSION SLAB AND SPLASH APRON, COMPACTED TO 98% MOD AASHTO DRY DENSITY.
- JOINTS BETWEEN FLOOR AND COLUMN FOOTINGS, AND FLOOR AND PLINTHS, TO BE FILLED WITH JOINT FILLER.

AB 1	AS BUILT DRAWING ISSUED FOR CONSTRUCTION	4/2011 7/2010	MNM G. C.
NO.	AMENDMENTS	DATE	BY
 Namibia Water Corporation Ltd			
SCHEME			
OSHAKATI WASHING PORT			
DRAWING			
STEEL FOUNDATION DETAILS			
SURVEYED	DRAWN	TRACED AUTOCAD	
DESIGNED CIVIL	DESIGNED ELEC.	DESIGNED MECH.	
CHECKED CIVIL	CHECKED ELEC.	CHECKED MECH.	
APPROVED CIVIL	APPROVED ELEC.	APPROVED MECH.	
GENERAL MANAGER MAINTENANCE <i>bune</i>			
DATE	SCALE	SHEET NO.	
05/2025	AS SHOWN	1 OF 1	
REGISTRATION NO.			

