CITY OF POLOKWANE
NATURALLY PROGRESSIVE

ERRATUM NO. 1

BID NUMBER: PM 12 - 24/25

ERRATUM TO BID DOCUMENT IS FOLLOWS:

- Bidders are informed of the erratum on this project. The erratum is on page 1, 4, 20, 121 - 129 of bid document. The page 1 for Total Bid Price is removed and the bidder are required to quote total bid price.
- On page 4 the statement which read "The Municipality shall adjudicate and award bids in accordance with quality based selection." **should be amended** to read **"The Municipality shall adjudicate and award bids in accordance with preference points of 80/20-point system, 80 points for the price and 20 points for specific goals**.
- On page 20 bullet number 1 is amended as bidder are requested to price for the project and the statement which read **"Project shall be evaluated on Quality Based Selection" is removed**
- On page 24 of the bid document Specific Goals is removed from functionality as the project will be evaluated using three phases, **Administrative Compliance – Phase One, Phase 2: Technical Evaluation (Functionality) and the third phase is Price and Specific Goals.**
- **The first paragraph on page 25 is amended to read "A bidder must score 70% or higher in respect of the requirements in Technical or Functionality Evaluation to further be evaluated on Price and Specific Goals. Bidders who scored the highest points will be recommended for appointment. Bidders will be ranked according to points scored**
- On page 23 points for Construction Project Manager and Project Engineer are both adjusted from 05 points to 10 points after removal of 10 points of specific goals.
- Page 121 – 129 of the bid document shall be amended to include column for bidder to price.
- Bidders are required to replace page 1, 4, 121 - 129 of the bid document with the below erratum pages to bid document.

TNemugumoni

MS. THUSO NEMUGUMONI
MUNICIPAL MANAGER

PART A
INVITATION TO BID **MBD1**

YOU ARE HEREBY INVITED TO BID FOR REQUIREMENTS OF THE (*NAME OF MUNICIPALITY/ MUNICIPAL ENTITY*)					
BID NUMBER:	**PM 12 - 24/25**	CLOSING DATE:	**17 September 2024**	CLOSING TIME:	**10H00**
BID DESCRIPTION	**APPOINTMENT OF PANEL FOR TEN (10) CONTRACTORS FOR THE CONSTRUCTION OF LOW COST HOUSES (RDP) FOR A PERIOD OF THREE (03) YEARS**				
THE SUCCESSFUL BIDDER WILL BE REQUIRED TO FILL IN AND SIGN A WRITTEN CONTRACT FORM (MBD7).					

BID RESPONSE DOCUMENTS MUST BE DEPOSITED IN THE BID BOX SITUATED AT Polokwane Municipality, Civic Centre, corner Bondenstein and Landros Mare Street not later than **17 September 2024** at **10:00 AM**

Compulsory briefing session will be held on the 29 August 2024 @ 10H00 AM at New Peter Mokaba Stadium Complex, Executive Lounge 1st Floor
The Bid box is generally open 24 hours, 7 days a week.
Completed Bid document, fully priced and signed must be sealed in an envelope marked " Bid number and Bid description"
Bidders should ensure that bids are delivered timeously to the correct address. If the bid is late, it will not be accepted for consideration.
Bids documents containing the Conditions of Bid and other requirements in terms of the Supply Chain Management Policy will be downloaded from e-tender Publication Portal at www.etender.gov.za and Polokwane Municipality website www.polokwane.gov.za at no fee..

SUPPLIER INFORMATION						
NAME OF BIDDER						
POSTAL ADDRESS						
STREET ADDRESS						
TELEPHONE NUMBER	CODE		NUMBER			
CELLPHONE NUMBER						
FACSIMILE NUMBER	CODE		NUMBER			
E-MAIL ADDRESS						
VAT REGISTRATION NUMBER						
TAX COMPLIANCE STATUS	TCS PIN:		**OR**	CSD No:		
ARE YOU THE ACCREDITED REPRESENTATIVE IN SOUTH AFRICA FOR THE GOODS /SERVICES OFFERED?	☐Yes ☐No [IF YES ENCLOSE PROOF]		ARE YOU A FOREIGN BASED SUPPLIER FOR THE GOODS /SERVICES OFFERED?		☐Yes ☐No [IF YES, ANSWER PART B:3]	
TOTAL NUMBER OF ITEMS OFFERED			**TOTAL BID PRICE**			
MINIMUM WORK OPPPORTUNITIES TO BE CREATED	58		**CIDB GRADING**		4GB OR HIGHER	
SIGNATURE OF BIDDER	.....		**DATE**			
CAPACITY UNDER WHICH THIS BID IS SIGNED						

BIDDING PROCEDURE ENQUIRIES MAY BE DIRECTED TO:		**TECHNICAL INFORMATION MAY BE DIRECTED TO:**	
DEPARTMENT	SUPPLY CHAIN	CONTACT PERSON	VIVIAN MALULEKA / MANTOA LEKALAKALA
CONTACT PERSON	MR TIRO PILUSA	TELEPHONE NUMBER	015 290 2108/2363
TELEPHONE NUMBER	015 290 2148	FACSIMILE NUMBER	
FACSIMILE NUMBER		E-MAIL ADDRESS	vivianm@polokwane.gov.za/ MantoaL@polokwane.gov.za
E-MAIL ADDRESS	tirop@polokwane.gov.za		

Erratum page 4

CITY OF Polokwane
NATURALLY PROGRESSIVE

T1.1 Tender Notice and Invitation to Tender
BID NUMBER: PM 12 - 24/25

DIRECTORATE: PLANNING AND ECONOMIC DEVELOPMENT

BUSINESS UNIT: HUMAN SETTLEMENT - PROGRAMME IMPLEMENTATION & QUALITY ASSURANCE

Bids are hereby invited for the **APPOINTMENT OF PANEL FOR TEN (10) CONTRACTORS FOR THE CONSTRUCTION OF LOW COST HOUSES (RDP) FOR A PERIOD OF THREE (03) YEARS**

Bidders should ensure that bids are delivered timeously to the correct address. If the bid is late, it will not be accepted for consideration

THIS BID IS SUBJECT TO THE, PREFERENTIAL PROCUREMENT POLICY FRAMEWORK ACT AND THE PREFERENTIAL PROCUREMENT REGULATION, 2022, AND THE GENERAL CONDITIONS OF CONTRACT FOR CONSTRUCTION WORKS (THIRD EDITION) (2015) AND, IF APPLICABLE, ANY OTHER SPECIAL CONDITIONS OF CONTRACT.

The Municipality shall adjudicate and award bids in accordance with preference points of 90/10-point system, 90 points for the price and 10 points for specific goals. Prospective bidders must accept that the bid will be adjudicated, according to the said legislation. Bids will remain valid for 90 (ninety) days. The Council also reserves the right to negotiate further conditions and requirements with the successful bidder

N.B: NO BIDS WILL BE CONSIDERED FROM PERSONS IN THE SERVICE OF THE STATE [AS DEFINED IN REGULATION 1 OF THE LOCAL GOVERNMENT: MUNICIPAL SUPPLY CHAINS MANAGEMENT REGULATIONS]

MS. THUSO NEMUGUMONI
MUNICIPAL MANAGER
CIVIC CENTRE
LANDDROS MARE STREET

Erratum page 20

BID NUMBER: PM 12- 24/25

BID DESRIPTION: APPOINTMENT OF PANEL FOR TEN (10) CONTRACTORS FOR THE CONSTRUCTION OF LOW COST HOUSES (RDP) FOR A PERIOD OF THREE (03) YEARS

SPECIAL CONDITIONS OF CONTRACT

- **Bidder will be required to price for this tender. Quantum Subsidy of R181 172 per unit as pre-determined by the National Department of Human Settlement.**

  Contractor is liable for the following:

- Retention of each unit after practical completion (for 3 months from the date of signing) to archive final completion.
- Roof warranty (leakage and damages) for 12 months for each unit after practical completion
- Structural defects for 5 years as per NHBRC
- Material data sheet to be provided by the contractor for material purchased
- Concrete test cubes and bricks strength tests to be provided
- All material utilized should be SABS approved
- OHS requirements should be adhered to on site as per approved Safety file
- Site establishment will be required
- CLO will be required for each contractor provided the units are 20 and above, but where units are less than 20 per ward, a ward committee responsible for housing will be used and no payment from the contractor should be expected
- Contractors will be required to visit tribal authorities and pay locha fees before commencement of the project
- PSC will be paid per seating according to Polokwane Municipality council resolution (Minimum of Six 6 and Maximum of 10, excluding the Ward Committee, Ward Councilors and the CLO)
- Plumbers should have plumbing trade and registered with Plumbing Industry Registration Board (PIRB) and Polokwane Municipality
- Pest Controller should be registered with Department of Agriculture and provide the PNO Certificate and Number
- Electrical contractor to be registered with Department of Labour to issue Certificate of Compliance (COC) and be available for consultation with Polokwane Municipality Electrical SBU
- **The appointed contractors shall be on rotational basis**

NB. Contractors should inspect their work before calling for inspection to avoid delays on site

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Projects completed: (Proof of projects with similar size and scope must be attached, e.g. Appointment Letter and Certificate of Completion for EACH project. Failure to provide proof will result in disqualification of points).	Number of projects completed of similar nature with verifiable references, appointment letters and completion certificates; Rating scale 5 (9 projects and above completed = 20 points) Rating scale 4 (7 or 8 projects completed = 16 points) Rating scale 3 (5 or 6 projects completed = 12 points) Rating scale 2 (3 or 4 projects completed = 08 points) Rating scale 1 (1 or 2 projects completed = 04 points)	**20**

Criteria B: Experience of technical project team post professional registration			
Criteria	**Qualifications**	**Relevant Work Experience**	**points**
Construction Project Manager	Minimum National Diploma in either Construction Project Management or relevant qualification within the Built Environment (Architecture, Quantity Surveying, or Civil Engineering) CVs and original certified copies of qualifications must be submitted	**Experience as Construction Project Manager** Rating scale 5 (5 years and above = 10 points) Rating scale 4 (4 but less than 5 year = 08 points) Rating scale 3 (3 but less than 4 years = 06 points) Rating scale 2 (2 but less than 3 years = 04 points) Rating scale 1 (1 but less than 2 years = 02 point)	**10**
Project Engineer	Minimum National Diploma in Civil Engineering **(Proof of registration with ECSA as professional engineer / technologist / technician required)** CVs and certified copies of original qualification(s) must be submitted	**Experience as Civil Engineer** Rating scale 5 (5 years and above = 10 points) Rating scale 4 (4 but less than 5 year = 08 points) Rating scale 3 (3 but less than 4 years = 06 points) Rating scale 2 (2 but less than 3 years = 04 points) Rating scale 1 (1 but less than 2 years = 02 point)	**10**
Health and Safety Officer	Minimum 3 years National Diploma in Health and Safety or Safety Management or equivalent qualification. CVs and original certified copies of qualifications must be submitted	**Experience as a Health and Safety Officer** Rating scale 5 (5 years and above = 05 points) Rating scale 4 (4 but less than 5 year = 04 points) Rating scale 3 (3 but less than 4 years = 03 points)	**05**

<table>
<tr><td></td><td></td><td>Rating scale 2 (2 but less than 3 years = 02 points)
Rating scale 1 (1 but less than 2 years = 01 point)</td><td></td></tr>
<tr><td colspan="4">Criteria C: Implementation plan</td></tr>
<tr><td colspan="3">Implementation plan specifying:

• Clear work breakdown structure (6 points),
• Specific activities resource allocation (5 points)
• Timelines (4 points)</td><td>10</td></tr>
<tr><td>Health and Safety Plan: The tenderer must submit a clear project health and safety plan</td><td colspan="2">As per OHS Specifications (see Annexure A)

Rating scale 5 (excellent project health and safety plan) = 10 points
Rating scale 4 (very good project health and safety plan) = 08 points
Rating scale 3 (good project health and safety plan) = 06 points
Rating scale 2 (average project health and safety plan) = 04 points
Rating scale 1 (poor project health and safety plan) = 02 point</td><td>10</td></tr>
<tr><td>Financial Status

This will be assessed against Bank ratings as follows: (If a Bank letter is submitted, it should be specific for this project and not older than 30 days)</td><td colspan="2">Bank Rating Score

<table><tr><th>Bank Rating</th><th>Score</th></tr><tr><td>A</td><td>10</td></tr><tr><td>B</td><td>10</td></tr><tr><td>C</td><td>7</td></tr><tr><td>D</td><td>5</td></tr><tr><td>E</td><td>2</td></tr><tr><td>F,G,H</td><td>0</td></tr></table></td><td>10</td></tr>
<tr><td colspan="3">GRAND TOTAL</td><td>100</td></tr>
</table>

IMPORTANT NOTE:

Erratum page 25

A bidder must score 70% or higher in respect of the requirements in Technical or Functionality Evaluation to further be evaluated on Price and Specific Goals. Bidders who scored the highest points will be recommended for appointment. Bidders will be ranked according to points scored.

The specific goals are claimed as per below table for business ownership disclosure. Bidders must list all shareholders and provide ownership information in terms of the business entity registration certificate

Full Names	Identity Number	% of ownership	South African (Yes/No)	Race	Gender	Disable (Yes/No)	Youth (Yes/No)	Local enterprise (Yes/No)

SUBMISSION PROCEDURE

Proposal submitted through e-mail or fax will not be considered.
All bids must be submitted in the Bid Box @

Polokwane Municipality
Civic Centre
Landros Mare Street
Polokwane
0700

INFORMATION

Should additional information or clarification be required regarding the terms of reference before the closing date of bid, contact may be made through telephone or email with the following officials:

NAME	TELEPHONE	EMAIL ADDRESS
Technical Enquiries		
Maluleka VM	015 290 2108	vivianm@polokwane.gov.za
Lekalakala M	015 290 2363	mantoam@polokwane.gov.za

Erratum page 121 - 129

C2.1 Bill of Quantities / Price Breakdown

024/2025 COST BREAKDOWN

2. DETAILED SPECIFICATIONS:

COST BREAKDOWN - RURAL AND URBAN ALLOCATION				**PRICE**
ITEM No	**PERCENTAGE OF SUBSIDY QUANTUM (QUANTUM = R181 172.00)**	**PHASE/ITEM**	**INSPECTION CHECKLIST**	
1.	**30%**	**EARTHWORKS, CONCRETE, FORMWORK REINFORCEMENT**	**1. SUBSTRUCTURE/FOUNDATION (SANS 10400 PART H)** **1.1.** All foundations, foundation walls, and structural concrete work as per the Professional Engineer's specifications and details. Foundations (to be designed as per geo-tech soil classification). **1.2.** Foundations shall be inspected and certified by a registered Professional Engineer. **1.3.** Site clearance (building line) to be 2m from the wall (boundary line), all around. **1.4. NB:** Where shuttering is used, all shutters are to be oiled, plumbed, and supported by struts placed at 400mm c/c and the shutters have a minimum size of 150mm in height. **1.5.** Compaction is to be done by mechanical means in 150mm layers. **1.6.** The maximum height of 400mm measured beneath all slabs from the lowest point, the compaction shall be done by a certified competent person. NHBRC Part 3-2.6 **2. FLOORS: (SANS 10400 PART J)** **2.1.** Soil Poisoning As per the Engineers specifications and details. All soil poisoning works must be carried out by a licensed person and issue a certificate of compliance. Every house should have a new certificate one copy for the whole project is not allowed. **2.2. Front Stoep:**	**R**

			85mm thick concrete slab to Engineer's specification and details. The stoep level is to be 85 mm lower than the inside of the house and 85mm above the concrete apron. Where applicable, a ramp (not steeper than 1:12) at the entrance to Engineer's specification and details **2.3.** Under floor membrane to be laid in accordance with NHBRC Part 3-2.7. **2.4.** Concrete surface bed, thickness as per Engineer's specification and details, with rough/ wooden float finishing to allow screed. **2.5.** All foundation slabs should be 150 mm above natural ground level **2.6.** All materials and products to be SABS approved (Stamped where applicable) **N.B: Every milestone should be in line with the house plan and the specification**	
2.	**26%**	**BRICKWORK**	**3. SUPERSTRUCTURE: (SANS 10400 PART K)** **3.1. WALLS:** Single leaf 140mm thick cement Maxi bricks (290mm x 140mm x 90mm) or, double leaf for external stock brick (220mm x 110mm x75 mm) for external walls and single leaf for internal walls or of equal quality and approved, with minimum compressive strength of 7mpa on 375micron DPC. Walls to receive 15mm thick smooth sand/cement plaster. Neatly plastered. **All internal walls are to be built up to 1 brick course above wall plate height** **3.2. BRICK FORCE:** Brick force to all walls. Install 2.8mm dia. by 75mm, 110mm wide, and 150mm reinforcement at every 4th course. Above door and window level (window and door) formed in brickwork (internal and external walls, including gables) - every course up to wall plate extending 500mm beyond opening in both directions **3.3. DPC:** 375-micron DPC to be laid at the minimum level of 110,150mm and 220 mm above ground level. **3.4. DOOR FRAMES:** **a)** 1.6mm pressed steel doorframe single rebated, with 2 paired hinges. One coat of factory primer paint must be applied to the frame before dispatch. 140mm door frame must be used for proper wrapping around 140mm walls, and all lugs horizontally fixed into the walls to secure walls and frames. All frames must be positioned to the correct hand as per house plan, LH/RH. Frames must be braced on top and bottom, plumbed in both directions and check the top of the frame level using spirit level before commencing with brickwork to maintain squaring of the door frames. Spreader bars must be covered by screed.	**R**

			3.5. WINDOW FRAMES: **a)** Standard residential, hot-dipped galvanized mild steel window. SABS approved **b)** Living Room and Bedrooms: Clisco type ND4 steel window frame (1mm) or equal approved (to comply with SABS 727) **c)** Kitchen: Clisco type NC2 steel window frame (1mm) or equal approved (to comply with SABS 727) **d)** Bathroom: Clisco type NC1 steel window frame (1mm) or equal approved (to comply with SABS 727) All window frames must be plumbed and cantered in the middle of the rooms; all lugs horizontally fixed into the walls to secure the window frame to the wall. Top of window and door frames to be at the same level. NB: Interlocking is to be done as per the NHBRC manual. (See brick bonding diagram). **N.B: Every milestone should be in line with the house plan and the specification**	
3.	**35%**	**ROOF STRUCTURE**	**4. ROOFS: (SANS 10400 PART L)** **4.1. Trusses:** Lightweight steel trusses as per the Engineer's details and specifications, at maximum 1100mm cc. Shop drawings/designs are to be submitted for approval. **Alternative roof trusses:** SA Pine Roof trusses as per Engineer's details and specifications, spaced to a maximum of 760mm, installed onto 114x38 wall plate. Shop drawings/designs are to be submitted for approval. Trusses to accommodate the weight of solar panels **4.2.** Wire Anchors (roof truss wire anchors) 4mm single or 2.4mm double stranded galvanized roof ties anchors built-in 6 courses deep into walls. **4.3.** Flashings: Flashing as per manufacturer's details and specifications. Side flashing on gabble ends. **4.4.** Fascia: Everite FC77 pressed fibre cement 225x12mm flat sheet fascia screwed to trusses to receive paint. **4.5.** Roof Tiles: Roof tiles shall comply with the requirements of SANS 542. Roof tiles fixed as per SANS 10062. **4.6.** Double Roman interlocking concrete roof tiles, colour TBC, fixed at 23° pitch with three rows of tiles at the ridge, eaves, and verges for the full overhang and every third tile in every row over	**R**

			the remainder of the roof in a raking pattern using non-corrosive nails to 38 x 38mm sawn softwood battens (spaced at 320mm c/c), on under Tile Membrane (thickness = 400 Micron) with joints lapped 150mm fixed over rafters. **5. PLASTER** **5.1.** Plaster: External One coat cement plaster, steel float, to a minimum 12mm 4:1 mixture cement plaster applied to wall. To receive paint **5.2.** Plaster: Internal One coat cement plaster, steel float, to a minimum 12mm 4:1 mixture cement plaster applied to wall. To receive paint. **6. Wall Tiles (*Room can be used as 'bathroom'*"):** **6.1.** 600mm x 300mm Ceramic wall tiles, fixed to internal wall plaster backing with full tile cement bedding and tile adhesive mixed with bonding liquid. Joints of 2mm continuous in both directions (vertical and horizontal) and grouted with tile grout. Excess grout on the surface is to be cleaned with water as work proceeds. Provide tile edge strips **7. SCREED** **7.1.** Screed: 25mm thick cement mortar (class II mortar) in 1:3. Screed must be smoothly finished, and it must cover spread bars at all door frames, maintaining a gap of 5mm maximum between doors and finished floor level. (Internal and External) NB: If the slab is power floated, consider using non screeded door frames. Alternative method of maintaining a gap of 5mm maximum between doors and floor finish must be approved. **8. APRONS:** **8.1.** Storm water drainage as per engineer's specification. 1000mm wide x 100mm thick concrete apron all round to be laid to fall away from building to Engineer's specification and details.	

		CEILING AND INSULATION	**9. CEILING:** **9.1.** Ceiling Height: A minimum of 2,5m ceiling height is required for all units **9.2.** Ceiling (fiber cement): 4 mm Everite Cladit in mainly 1200mm x 2400mm panels to 38 x 38mm S.A Pine branderings at 450mm centers in one direction. To receive paint **9.3.** Gypsum Cornice: Gypsum 75mm standard cornice, to be painted **9.4.** Insulation: 55mm thick flexible, non-combustible thermal ceiling insulation, to comply with the latest SANS 428 fire standards, SANS 1381-1	
		WINDOWS	**10. GLAZING: (SANS 10400 PART N)** **10.1** Glass area of less than 0.75m2 to be 3mm thick. **10.2** All glass more than 0.75m2 to be 4mm thick. **10.3** Glass to the bathroom to be 4mm obscured glass. **10.4** All putty is to be treated with a hardener & finished off with 1 x universal undercoat and 2 x coats of final non-drip enamel paint. All glazing works must be carried out by a licensed gla and issued a certificate of compliance, every house should have a new certificate, one copy for the whole project is not allowed.	
		DOORS	**11. DOORS** **11.1. External door:** 813mm x 2032mm x 40mm Meranti framed ledged, braced, and battened. With 20 x 76mm V-jointed. 4mm flush boarding including 50 x 76mm weather bar. To receive varnish 3-lever SABS-approved mortice lock **11.2. Internal door:** 813mm x 2032mm x 40mm hollow core flush panel door with Masonite finish and concealed hardwood edges. To receive paint. 3-lever SABS-approved mortice lock	

ELECTRICAL

12. ELECTRICAL NOTES

12.1 All material must be of SABS-approved standard.

12.2 The installation must be as per the SABS 0145 (green book)

12.3 When the 50mm×100mm galv. box (for light switches) or 100mm×100mm galv. box (for wall plugs and stove isolator) connect make use of 20mm male duper and all conduits must be chased into the wall.

12.4 Make use of a mesh before plastering

12.5 The 20mm conduit must be all galvanized boxes.

12.6 The 20mm conduit must be continuous throughout until the tie beam.

12.7 All points must be earthed.

12.8 All connections must be crimp (ferels)

12.9 The copper bridge piece in the d/b must be covered with isolation tape.

12.10 The installation shall consist of the following:

a) Distribution Board:

- Supply and install a 10-way flash distribution board (DB), 1.6 m from the final floor level.
- The DB must also have all the applicable/necessary labels
- Make use of a 10mm armored cable between the house and the municipality connection
- One (1) Earth leakage 63a green and a 60ampc/b to protect the power supply cable OR a white earth leakage
- Supply and install a 10mm armored cable as from the municipality connection.

b) Stove Isolator:

- Supply and install a 100×100 mm galvanized box, 1200mm from final floor level.
- Make use of a 6mm wire for the circuit and provide a connection point for the stove.
- One stove isolator must be installed.
- 40a C/B can be installed for the circuit.

c) Wall Plugs:

- Supply and install a 100mm galvanized box in each room, 400mm from the final floor level
- Supply and install a 100mm galvanized box in the kitchen, 1200mm from the final floor level
- Kitchen two (2) – double plug
- Sleeping rooms one (1) – double plug
- Lounge one (1) – double plug
- Make use of a 2.5mm wire for circuits.
- 20a C/B can be installed for the circuit.

d) Light Circuit

			› Supply and install a 50×100m galv. box, 1400mm from the final floor level for the light switches › Supply and install a 20mm round box at all points in the middle of the ceilings (for the connection of the lights) › Make use of a 1.5mm wire for the circuits. › 10a C/B can be installed for the circuit **ALL ELECTRICAL WORK TO BE CONDUCTED BY A LICENCED ELECTRICIAN** **N.B:** The contractor must conduct the required inspection and tests, and issue a certificate of compliance for all the work done, for each house. **The CERTIFICATE OF COMPLIANCE must** be completed in full. Every house should have a new certificate, one copy for the whole project is not allowed. **The Compliance Certificate should be endorsed by Polokwane Municipality's Energy Unit**	
		FINISHING AND PAINTWORK	**13. FINISHES:** **13.1.** Floors to be steel-floated or have a smooth steel-troweled finish. **13.2. Internal Wall Paint:** › 1x Universal undercoat, SABS approved › 2x Acrylic PVA paint, low sheen finish, SABS approved **13.3. External Wall Paint:** › 1x Universal undercoat › 2x Acrylic Exterior PVA paint **13.4. Ceiling Paint:** › 1x Universal undercoat › 2x Acrylic PVA. **13.5. Doors and Window Frames:** Touch up red oxide factory primer & apply: › 1 x Undercoat for steel › 2 x Coats final non-drip enamel paint **13.6. External Doors:** Prepare surface and apply: › 2 x Coats Satin gloss Varnish Sanded down between coats **13.7. Internal Doors:** Prepare surface and apply: › 1 x Approved undercoat › 2 x Approved Non-drip Enamel paint **13.8. Signage (house number):** 190mm x 190mm / 250mm x 250mm / 290mm x 290mm, 0.9mm thick ABS signage board, with counter-sunk fixing holes plugged and screwed with screws to the wall (position to be confirmed on site)	

		PLUMBING: SANITARY FITTINGS (ONLY IN URE AREAS)	**14 FINISHES** **14.1** Sink single end 900mm x 460mm Stainless Steel sink, securely fixed to the wall with brackets and silicon sealed all round (brackets should be SABS approve (provide proof) 38mm diameter CP waste and plug, with black flexible reseal trap. Installed as per manufacturers specification Tap: Extended Bib tap with cold indices (chrome plated) installed as per manufactures specification) **14.2**Basin: Wall mounted – white – 510mm x 405mm x 130mm Rounded basin with one semi-punched taphole, including integrated overflow. Black flexible reseal trap. Security fixed wall and silicon sealed all round **14.3** WC: low level suite with a ninety degrees (90 Deg.) outlet wash-down pan (front single flush) and matching 6 litre SISO cistern complete with lid, fitments and flush-pipe, fixed to floor-1:3 cement mix Seat – heavy duty plastic, flap and hinges, or of equal quality fixed to pan **14.4** External Pipe: SABS plastic "Polycop Class 16 pipe" or equal approved **14.5 (a)** Internal water pipe: all cold water copper piping shall comply to SABS 460 Class Q with capacity soldered joint fittings **14.5 (b)** Internal water pipe: all hot water copper piping shall comply to SABS 460 Class Q with capacity soldered joint fittings **14.6** All internal water pipe to be chased into wall prior to plastering (NB: all chased work should not temper with brick force or any wiring in the wall) **14.7** All pipes sizes indicated refer to internal pipe diameters a. WHB – feeder Min 15mm, Tap connection 12mm b. Sink – feeder Min 15mm, Tap connection 12mm c. Shower – feeder Min. 15mm, Tap connection 12mm d. WC – feeder Min. 15mm, Tap connection 15mm **14.8** All WHBs, sinks and wash troughs to receive chrome plated ballock with flexible connections in the water supply to the tap fittings directly below the sanitary fittings at an accessible position to allow for the individual isolation of all fitting for maintenance purposes.	
4.	**9%**	**VIP TOILET**	**15. TOILET PIT:** **15.1. VIP PIT:** Hand or mechanically dug pit in the following dimensions is 1500mm Length x 1200mm width x 2000mm depth. The pit should be raised not more than 1000mm above the ground level if the water level is high or the soil is rock. Double block pit wall should be used in this case. **15.2. PIT Wall:** Single leaf 140mm thick cement Maxi bricks (290mm x 140mm x 90mm) or of equal quality and approved, with minimum	**R**

compressive strength of 7mpa, built on the centre of 200mm x 300mm footing. 15mm diameter holes to be provided at 250mm vertical centre and 900mm horizontal centres to within 500mm of the underside of the floor slab. Walls to receive 15mm thick smooth sand/ cement plaster. Neatly plastered.

15.3. FLOORS

- 125mm reinforced concrete slab mesh ref.245 centrally placed.
- **Screed:** 25mm thick cement mortar (class II mortar) 1:3 ratio.
- Screed must be smoothly finish and covers spread bars of door frame at finishing stage and sloped toward the door frame.

15.4. SUPERSTRUCTURE

- **Walls:** Single leaf 140mm thick cement Maxi bricks (290mm x 140mm x 90mm) or of equal quality and approved, with minimum compressive strength of 7mpa on 375micron DPC. Walls to receive 15mm thick smooth sand / cement plaster. Neatly plastered.
- Brick Force: Brickforce to all walls. Install 2.8mm dia. by 110mm wide reinforcement at every 4th course. Over opening formed in brickwork, every course up to wall plate extending 500mm beyond opening in both directions
- **DPC:** 375-micron DPC to be laid at the minimum level of 125mm above ground level to prevent rising damp. DPC must be sandwiched between two layers of mortar.

15.5. PLASTER

- **Plaster: External**
  One coat cement plaster, steel float, to a minimum 12mm 4:1 mixture cement plaster applied to wall. To receive paint
- **Plaster: Internal**
  One coat cement plaster, steel float, to a minimum 12mm 4:1 mixture cement plaster applied to wall. To receive pant

15.6. VENTILATION:

- Opening of 200 x 290mm to be positioned centrally at the back wall of the toilet as per plan two courses below the roof.
- **Vent pipe:** The ventilation pipe shall be installed such that is 500mm above the highest point of the roof. 110-diameter vent pipe must be manufactured black with insect screen cover. The vent pipe should be fixed to the wall using two galvanized clamps 1m away.

15.7. FINISHES

- Floors to be steel-floated or a have smooth steel-troweled finish.
- **Internal Wall Paint:**
  1x Universal undercoat, SABS-approved

			2x Acrylic PVA paint, low sheen finish, SABS approved › **External Wall Paint:** 1x Universal undercoat 2x Acrylic Exterior PVA paint › **Door frame:** Touch up red oxide factory primer & and apply: 1 x Undercoat for steel and 2 x Coats of the final non-drip enamel paint **15.8. Door:** 1,2mm thick internal Heavy-duty self-closing combi/shawl door frame and 0.7 Steel Door (813 x 2030) reinforced with three horizontal struts with Pad latch lock. The exposed part of the door frame and door must be cleaned and ready to accept 2 coats of non-drip enamel paint (the same colour as the paint used on the frames of the house). **15.9. Toilet seat:** The toilet seat should be firmly fitted and the base to be covered by topping **N.B: Every milestone should be in line with the house plan and the specification**	
Sub - Total				**R**
VAT				**R**
Total Amount (Total Bid Price)				**R**