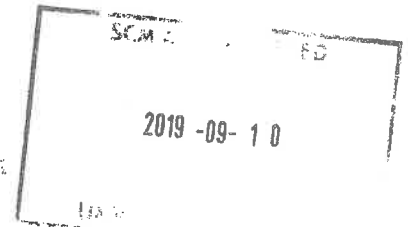


UMVOTI MUNICIPALITY

SUPPLY LABOUR FOR THE CONSTRUCTION POULTRY HOUSE IN WARD 07 CLOSING DATE: 19 SEPTEMBER 2019

QUOTATION NUMBER: Q2019/09/09/SLCPH

COMPANY	
ADDRESS	
TEL.	
CELL.	
FAX	
EMAIL ADDRESS	
CSD REGISTRATION NUMBER	
AMOUNT INCLUSIVE	



UMVOTI MUNICIPALITY RE-ADVERTISEMENT

Quotations are hereby invited in terms of section 18 (a) of the Umvoti Municipality's Supply Chain Management Policy together with section 83 of the Municipal Systems Act, No. 32 of 2000, as amended and read together with sections 110, 111 and 112 of the Municipal Finance Management Act, Act 56 of 2003 for undertaking of the below mentioned projects.

Project Description	Quotation no.	Briefing session	Quotation closing date
Provision for Video Services	Q2019/09/09/PVS	N/A	19 September 2019
Supply and Delivery of Drain Maintenance Equipment	Q2019/09/09/SDDME	N/A	19 September 2019
Supply Labour for the Construction Poultry House in Ward 07	Q2019/09/09/SLCPH	13 September 2019	19 September 2019

THE FOLLOWING CONDITIONS WILL APPLY:

- Prices quoted must be valid for at least thirty (30) days.
- Prices quoted must be firm and must be inclusive of VAT
- The quotation will be evaluated in terms of the 80/20 preference point system.
- The successful provider will be the one scoring the highest points.
- 1st preference will be given to local suppliers.
- original tax clearance certificate must be provided with pin
- BEE Certificate
- Proof for SCD registration.
- Municipal account, lease agreement not older than 3 months.
- proof of resident only for rural resident not older than 3 months.
- MBD form 1,2,3,1,4,6,1,8 & 9 (returnable document)
- CK or company registration documents.
- Certified ID copies of members/directors not older than 3 months

QUOTATION DOCUMENTS

Quotation Documents will be available as from **12 September 2019** from website on www.umvoti.gov.za only for the provision of video services and the supply and delivery of drain maintenance equipment. The document for the supply of labour for the construction of poultry house in ward 07 will only be available on the briefing session only, no document will be available after the briefing session.

QUOTATIONS SUBMISSION

The quotation must be enclosed in a sealed envelope marked with the respective names and deposited in the Umvoti Municipality quotations box at the Customer Relations Centre not later than **12H00 on 19 September 2019, Thursday**. Telegraphic quotation, late quotation and quotation not clearly marked as prescribed will not be considered.

ENQUIRIES

All enquiries shall be directed to Miss Andile Nene ON 033 413 9100 from 08H00 TO 16H30.

Umvoti Municipality's Procurement Policy will apply and the Municipality is not bound to accept the lowest quotation or furnish any reason for the acceptance or rejection of any quotation and reserves the right to accept any quotation or part thereof.


MRS TN NGIBA
MUNICIPAL MANAGER

P O BOX 71
GREYTOWN, 3250

NOTICE NO: 4467

PROJECT SPECIFICATION

3.1 Preliminaries:

3.1.1 Existing premises/facilities :

3.1.2 The extent of the work to be done must be determined prior to commencing of work by inspecting all premises with the Project Manager and an agreed work schedule with addresses must be drawn up before work can start.

3.2 General requirements:

3.2.1 Provision of / available facilities:

3.2.2 No toilet, water, electricity or storage facilities are available and the respondent is to make his own arrangements with regard thereto.

3.3 Duration:

3.3.1 It is a requirement of this contract that the works shall be completed within a period of **4 weeks** from the date of receipt of the order, inclusive of any time required to provide proof of the required insurance cover, but excluding the year end break and special non-working days falling outside thereof.

3.4 Completion and handing-over procedure:

3.4.1 It is the responsibility of the contractor to do his own quality checks and snagging in order to ensure that the completed works comply with the specification in every respect. On completion of the works or agreed section of the works, the contractor shall notify the project engineer/manager who will in turn snag the work and issue a snag list. This list may need to be produced from several snagging inspections as may be necessary or convenient.

3.4.2 Thereafter, and upon notification by the contractor of completion of the snagged items, the project engineer/manager shall re-inspect these items in order to de-snag them. Only upon the de-snagging of all items on the list or those snag items in an agreed section of the works, shall the works, or such section of the works as agreed upon, be deemed to be complete for handing over purposes. Until such a completed state is achieved, the works, or those sections of the works as defined, shall remain under the contractor's responsibility and insured by him.

3.5 Penalties:

3.5.1 If the quotation adjudication points awarded to the contractor are later found to be based on incorrect or false information, or the conditions pertaining to the award of points are not met, the contractor shall pay the employer an amount equal to one and a half multiplied by the product of the number of falsely claimed quotation adjudication points and the quotation amount exclusive of VAT, divided by 100.

- 3.5.2 It is the responsibility of the contractor to do his own snagging to ensure that the installations comply with the specification. On completion, the project engineer will snag the work and then de-snag after allowing a reasonable period for the contractor to satisfactorily rectify any snags. Penalties in respect of late completion will be R 500 per day.

3.6 Pricing:

- 3.6.1 This is a fixed price quotation. Any price increase of whatsoever nature, influencing the contractors cost of executing the works, will be borne by the contractor who shall be deemed to have made allowance for this in his quotations price.
- 3.6.2 For the valuation of interim payments, extras and omissions, the respondent's rates as priced in the attached schedule shall apply. Rates are to allow for all sundries including preliminary and general requirements.

3.7 Storage of materials:

- 3.7.1 The contractor will be permitted, to store materials on site only in the area demarcated and agreed by the Project Manager: On handing over the site to the contractor. The contractor will be required at all times to keep the site in a neat and orderly fashion.

3.8 Delivery of materials:

- 3.8.1 The contractor will be required to take all possible precautions to avoid damage to municipal property and to prevent obstructions on any normal access route within the property.

3.9 Security of the works:

- 3.9.1 The contractor is responsible for his own security regarding materials stored on site, for his own and labourer's security and for the work in general for the duration of the contract. Costs relating to any security and insurances the contractor may require are to be included in the net tender.

D1 | PROJECT SPECIFIC SPECIFICATIONS – STANDARD ITEMS

1) SITE ESTABLISHMENT AND LAY OUT

- .1 **Orientation:** The longitudinal axis of the building shall be placed in an **east-west direction** with the higher side of the mono pitch roof facing north, unless the prevailing wind would be from that direction, in which case the building may be turned up to 45 degrees.
- .2 **Spacing** between 2 units: 20 metres.

2) SITE CLEARING & EARTH WORKS

- .1 The site, including an area extending to at least 5 meters longitudinally and 7m in front of front and back gable must be cleared and stripped of all plant materials, roots and topsoil prior to site leveling. Total area 50m x 12m for 1 house.
- .2 The cleared and stripped material is to be stockpiled away from the construction site and is to be leveled/replaced once all construction is complete.
- .3 The site is to be entirely leveled prior to any construction.
- .4 Compaction of the site shall take place at optimum moisture content (OMC) to a maximum dry density of at least 95% of Mod. AASHTO. The Contractor shall arrange independent compaction testing, before the floor slabs are cast. Four (4) distributed places per site shall be tested, once off, after completion of the compaction of the floor base. **(test results are to be provided)**. The floor is to be **inspected** prior to the pouring of any concrete.
- .5 A **storm water cut off drain** is to be dug above the shed(s) diverting runoff away from the house(s).

3) FOUNDATIONS (*See Drawing 4: 1000 Birds Layer Shed Cross Section & Detail*)

- .1 House foundations: **Trench** depth is 500mm for strip foundation for walls and 700mm for poles. Dimensions for strip foundations are 500 x 250mm. Strip foundations to extend under doorstep.
- .2 **Foundation wall:** 3 courses of M150 cement blocks on top of strip foundation. First 300mm (1.5 courses) are underground.
- .3 Pole bases are 400mm (l) x 400mm (w) x 600mm(d).
- .4 Tank stands (3x): Trench depth is 350mm with same foundations as shed. Only 1st course is under ground.

4) FLOORS (*See figure 1/Drawing RDN/2016/026/ANS*)

- .1 **Sub-Base:** **The backfill of soil** (300mm thick) under the floor slab is to be well and uniformly compacted to minimum 95% Mod AASHTO – Contractor to supply test results proving compaction results – Departmental Engineer to be notified of test and observe test procedures. Backfilling & soil compaction to SABS 1200 DA (3.2;5.2.3.2). On top of the compacted fill will be a **50mm thick river sand base** for the concrete floor slab. The floors are to be on a leveled base and well compacted The base is to be inspected prior to laying of the damp proofing or pouring of any concrete. See Drawing RDN/2015/08R/ANS.
- .2 Pest control soil poisoning is to be applied under floor by reputable pest control specialists (registered with the Department of Agriculture and members of the pest control association). **Certification is to be provided.**

- .3 Damp proof USB sheeting (green or black, minimum 250 micron thickness) is required throughout the structure. It is to be laid on the compacted sub-base and ending on top of 2nd row above strip foundation (see Drawing RDN/2015/008/ANS-Section) above floor level.
- .4 **Reinforcement:** No reinforcement is required.
- .5 **Floor:**
 - (1) Finished floor level must be 300mm above ground level ;
 - (2) Class C concrete and surface finishes as per drawing (min U2): $\geq 25\text{MPa}/19\text{mm}$, 1:2:3 mix, slump to SABS 1200GA (5.4.1.2). Contractor to take cubes and have concrete strength tested in a lab. **Three cubes per pouring session** if no premix is used.
 - (3) The floor and aprons are to be 100mm thick with a class U2 finish. Floors should be level. Apron slope 5%.
- .6 An **inspection** is required just before pouring of the concrete.
- .7 **Screed:** a 25mm screed (mix 1:4 river sand) is to be applied within seven days after pouring of the concrete in such a way that water can be drained at the back of the structure. *Screed must be shaped in such a way that the inside door can open freely.*
- .8 **Curing:** The floor slabs (2.8 x 2.5m) are to be properly cured for a minimum period of seven days by keeping moist and covered over this time or by applying a concrete curing compound (applied as per manufacturer's specifications). The curing compound is to be applied after the floating process.
- .9 **Apron:** A concrete apron is to be constructed around the entire structure 750mm wide. The slab will be 100mm thick and slope away (5%) from the building.

5) **TIMBER STRUCTURE: POLES** (See figure 1/Drawing RDN/2016/026/ANS)

- .1 Poles to be \varnothing 100-125mm, 3.90m long in front and 3.30m at the back. All rafter-poles connections to cross at right angles and to be joined with \varnothing **15mm** threaded steel bars (*handibars*) cut to size. Use hexagonal nuts and washers (min. 2mm thick).
- .2 Purlins to be joined longitudinally with hurricane clips to rafter beams.
- .3 Rafter to be placed against posts fixed with **threaded bars (\varnothing 15mm)**. The rafters are further supported by 150 x 50mm support beams running along the length of the house against the poles on the inside.
- .4 Poles to be spaced 1.56m apart in concrete bases (400mm x 400mm x 600mm), 1:3:4 mix with Class U1 surface finish to be used for all concrete bases: $15\text{MPa}/19\text{mm}$, slump to SABS 1200GA 5.4.1.2 mass concrete). Bases must be free draining (*no concrete footing for the bottom 50mm of the pole*).

6) **ROOFING: SHEETING & INSULATION** (See figure 1/Drawing RDN/2016/026/ANS)

- .1 The roof pitch is 8.5 degrees (15% - see drawings) with an overhang of 500mm on the sides and 500mm in front and at the back. *Roof pitch should be 20 degrees in areas with **snow loading**.*
- .2 Roof to be made of grade 10.5 full hard corrugated galvanized iron sheets 6000 x 760 x 0.5mm (eff. width 700mm). Corrugated galvanized sheeting is to be fixed to purlins with self-tapping roofing bolts (**3 per sheet per purlin**), hook bolts or equivalent, both as roofing and as cladding.
- .3 Purlins to be fastened to rafters with hurricane clips. 2 x 4 nails per clip.
- .4 All purlins to be fastened to the walls on both sides with 8 gauge wire running under third row of blocks from the top.

- .5 **Insulation:** 30mm thick Isoboard over the entire length and width of the structure held in place by 38 x 38mm timber battens to be attached to the purlins. Board to be placed snugly in between purlins. See drawing RDN/2016/026/ANS: CROSS SECTION 100 BIRDS LAYER SHED.

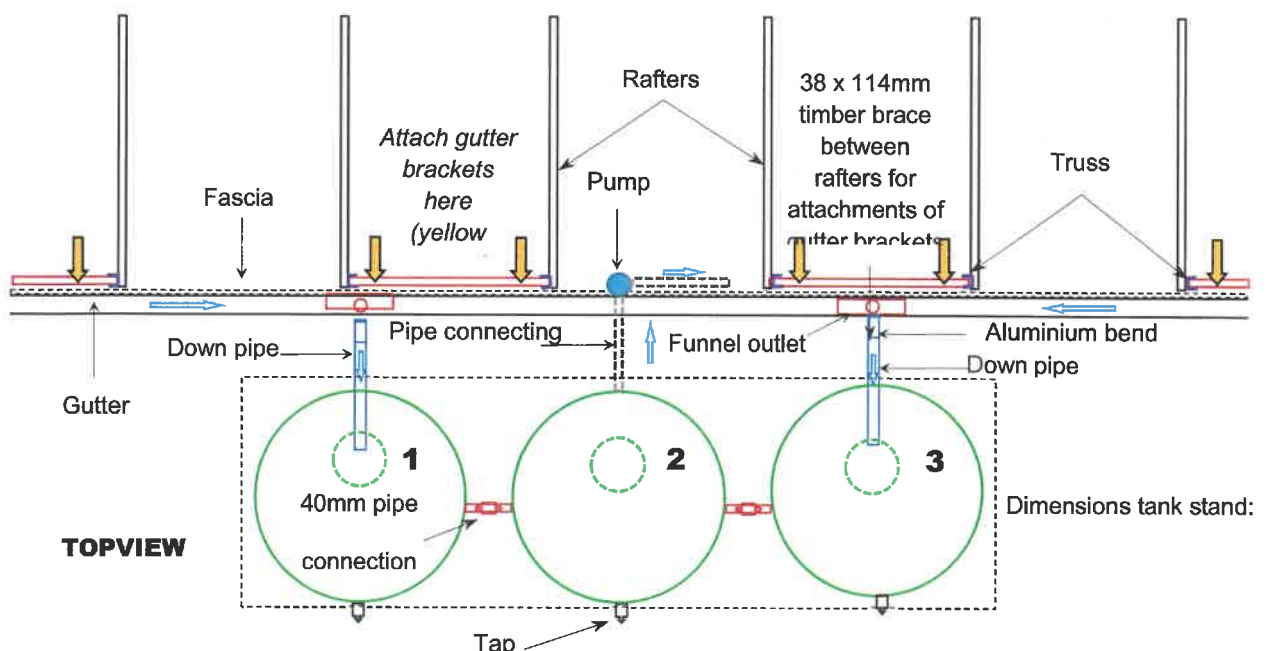
7) ROOFING: TIMBER

- .1 All roofing timber to be TBTO treated and SABS approved.
- .2 Rafters are 228 x 76mm SA pine. Tie beams for gutters, curtains and weld mesh are 38 x 114mm. Longitudinal (cross) support beams are 150 x 50mm.

8) ROOFING: GUTTER AND FASCIA BOARDS (See Figure 2: Installation of water tanks)

- .1 The roof shall be fitted with seamless 125mm OG aluminium guttering (use **metal** brackets), and 75 x 100mm aluminium down pipes for water collection into the supply tanks.
- .2 **Gutter** brackets to be mounted on 3000 x 300 x 12mm fascia boards which must be connected with fascia joiners or jointing plates.
- .3 Drill **fixing holes** to attach fascia boards to rafters to avoid breakage (Do *not* use hammer drills and masonry bits) and use two screws per rafter.
- .4 **Supporting timber** (i.e. 38 x 114mm pine beam) must be fixed against the rafters in front and at the rear as additional support for the fascia boards. This is done by notching out the top of the rafter ends so that the outside face of the beam will be flush with the uncut ends of the rafter (See Drawing Detail A).
- .5 300 x 10mm **fibre cement/Nutec fascia boards** on the sides of the building to be fitted on 38 x 150mm tie beams which in turn are joined against the purlin ends with nails and hurricane clips as indicated on the drawing (2 per connection).
- .6 **Gaps between weld mesh top and roof** to be closed with fibre cement or uPVC fascia boards. See also 12).

Figure 2: Installation of water tanks if pump is used.
Gutter connection to roof structure applies also if no pump is used



Only tanks 1 and 3 to be connected to gutter

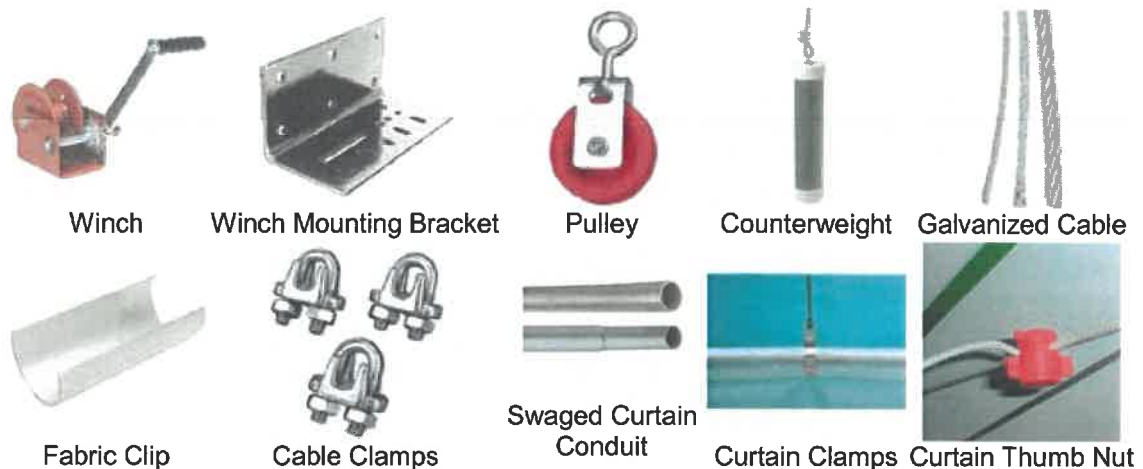
9) WALLS

- .1 **Brickforce** to be used *every second* row of blocks. SABS damp proof course is required at the base course above the floor slab level throughout.
- .2 Blocks must be SABS approved. Use only SANS M150 blocks. The mortar is to be a 1:4 cement-building sand (*not* river sand) mix. Cement is to be Portland cement of normal setting quality, is to comply with SABS Specification 471, and must be used fresh. Cement containing more than 15% blast furnace slag will not be permitted to be used.
- .3 Inside of all walls of the layer area to be **plastered** with rich mix (1:4), plaster thickness 10-15mm, and painted with 1 coat of plaster primer followed by 2 coats of Superior exterior PVA paint (white) e.g. Wall & All, Micatex. Outside of walls to be bag washed
- .4 An inspection is required before the plastering of the walls.
- .5 Wall tops against roof sheeting to be neatly finished off (use steel float).
- .6 Entire front and back above finished floor level to be clad with weld mesh (See 12) horizontally attached to poles from 600mm height to 1.9m height (see drawing)

10) CURTAINS

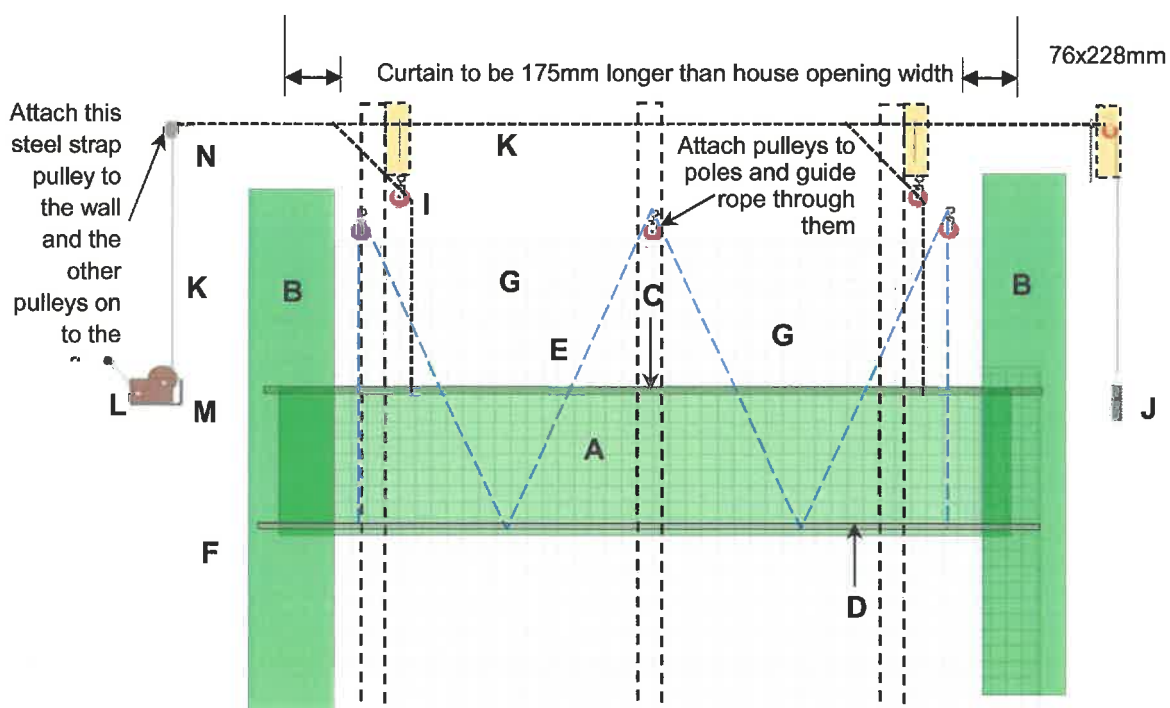
- .1 **Curtains to be installed by the supplier. If on inspection the curtains are found to be poorly installed, the contractor will be instructed to replace them by properly installed ones at his/her own costs.**
- .2 The drop-down curtain configuration requires a winch and pulley system that uses various pieces of hardware to construct. Please note that the below figure explains the **principles** of the curtain's (the actual unit counts 2 x 17 poles on each side and not just 3) and is not to scale.
- .3 A manual Hand Winch and Winch Mounting Brackets are used to raise and lower the curtain. The cable is connected to the winch with a cable keeper. It is then run up and over the top of the curtain where the counterweight is hung. The counterweight will keep tension on the cable. It is tied off with one thimble and two cable clamps. The cable is threaded through the two corner cable pulleys that are attached with open eye hooks.
- .4 Use steel galvanized cable 1/8" in diameter and 7 x 19 for strength and flexibility. The length of cable required is equal to the length of your curtain plus four curtain widths (height). An additional pulley is required on which to hang the counterweight. The counterweight needs to be at least two curtain widths from the corner pulley to be able to open your curtain fully.
- .5 Attachment of the curtain shall be via screw type nails and washers hammered into the 38 x 114mm tie beam just above the walls at 400mm intervals. Alternatively it may fastened by a steel cable running through the bottom seam which is tensioned by a strainer attached to the wall.
- .6 Below are some of the items used for the curtains.

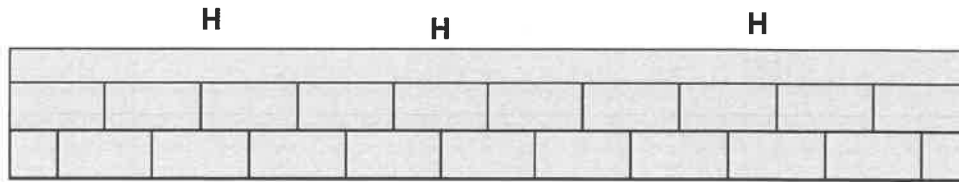
Figure 3: Items typically used for the installation of the PVC Curtains



- .7 **Material:** use hoist up type UV resistance curtains made of 550 g/m² green or blue PVC.
Length to be covered by curtain: 32.15m. Actual curtain length: 32.50m
Final dimensions of finished curtain in front: 32.50m x 2.50m. **At back:** 32.50m x 1.50m.
The **width** of the curtain *material* should be 150mm larger to allow for 75mm for a large hem (big enough to accommodate a 1.66" OD (40mm) swaged curtain conduit) and 75mm for overlap, bringing the total material width to 2.65m (front) and 2.00m (back) respectively.
Bottom of curtain to be **600mm above the floor level** to allow for a free flow of air under the cages attached.
Side envelopes: Use 750mm wide by 3.00m high (front) and 2.50m high (back) side envelopes of the same material to prevent billowing. Envelopes to be fastened to wall with screws + washers at 500mm intervals.
- .8 Place fabric clips are placed over the inserted conduit every meter length to prevent the conduit from spinning within the hem.
- .9 Use 3/16" diameter Poly Rope or curtain cord on the exterior of the installation to prevent the billowing of the curtain. The rope is woven in a zig-zag pattern through pulleys spaced at 1.6m intervals. The rope should be pulled firmly and tied to the conduit at the bottom of the curtain.

Figure 4: Diagram showing the various elements of the PVC Curtains





KEY

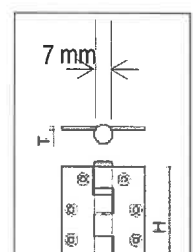
- A. PVC curtain 550g/m². Dimensions curtain front: 32.50m x 3.00m; rear 32.50m x 2.00m.
- B. PVC curtain envelopes (one on each side, 2x4=8 in total). Dimensions front: 0.75 x 3.5m. Rear: 0.75 x 2.50m. Attach to wall with self-tapping screws + washers (rubberized).
- C. Swaged curtain conduit: galvanized steel pipe with 3" long swage, 40mm (1.5"-1.6") OD;
- D. Swaged curtain conduit: galvanized steel 25-30mm (1-1.25") OD,
- E. Anti-billowing nylon rope to prevent the curtain from swaying;
- F. 38 x 114mm beam to which the weld mesh and curtain are fastened;
- G. Weld mesh 25 x 25 x 1.6mm. From floor to roof height.
- H. 100-125mm Ø CCA treated poles;
- I. 2" Nylon Pulley w/ Swivel Eye; use for steel hoisting cables AND nylon anti-billowing ropes.
- J. Counterweight 1.5-2kg.
- K. 7 x 19 type galvanized steel cable, 1/8" in diameter.
- L. Hand Winch 600 lb (Fulton or equivalent).SAE standard J1853 minimum.
- M. Winch Angle Mounting Bracket for 600lbs hand winch, gauge 0.315" (8mm)
- N. Primary 2-1/2" steel strap pulleys. Must be 15cm at least higher than highest curtain position

11) WELDMESH CLOSURES

- .1 Weld mesh sheets (25mm x 25mm x 1.6mm) to be installed *from floor level up to the roof*.
No chicken mesh may be used.
- .2 Fasten mesh against beams and poles with 25mm staples at 200mm intervals.
- .3 Overlap between weld mesh sheets 50mm. Bind overlapping sheets together with binding wire/clips at 500 mm intervals.

12) DOORS

- .1 One door at front gable, standard size door (813 x 2032 x 40mm) and frames (44 x 60mm) to be made of **meranti (not pine)**. If a packing/grading shed is built onto the house, a second door will be required at the house end entering into the shed.
- .2 Door(s) to be preserved by application of 3 coats of varnish (1st coat diluted with 10% mineral turpentine) applied 24 hours apart. Sand properly before 1st coat, then lightly between subsequent coats.
- .3 Doors must be fitted in such a way that they are swinging open freely and can be closed and locked without jarring of the doors in their frames or of the locks in their houses. See also par. 7.6: Screed.
- .4 **Locksets:** Door to be equipped with mortise Gower or Radius euro profile cylinder lock sets (NO lever type lockset);
- .5 Three brass hinges of the ball bearing butt type. See figure 5 on right.
Dimensions: H=100mm, W = 75mm T = 3mm, outer diameter of cylinder min. 7mm.



13) TANKSTANDS (See also Figure 2)

- .1 Dimensions of tank stands if NO pump is used: 1.75m x 1.75m x 0.6m (0.4m + slab = 0.5m above ground).
- .2 Dimensions of the tank stand for the 3 tanks (if pump is used): 6.00 x 1.75 x 0.6m (above ground height: 0.5m).
- .3 Tanks to be placed in the middle of the house at the back as per drawing RDN/2014/006/ANS-D.
- .4 Three courses of blocks on 150 x 400mm 15 MPa strip foundation.
- .5 Tanks secured to stand with 4 twisted double strands of straining wire connected to 4 Y10 steel stirrups (length: 0.5m each) cast in floor concrete. Straining should not result in deformation of the tanks.
- .6 Only the two outside tanks will be connected with the gutter. Tanks will be linked at the bottom to enable them to fill up at the same pace. Connection pipes to have valves to enable isolation of individual tank. A tap will be installed in the middle tank whereas the lower tank exit points of the outside tanks will be capped to enable emptying of the tanks, but to prevent the direct access of water. This in order to force the use of the water of the middle tank, which will be cleaner since most impurities will be left in the outside tanks that are connected to the gutter. Each tank connection with the gutter will have two downpipe bends and three straight aluminium straight piece.

14) LAYER/BATTERY CAGES

- .1 Pre-manufactured galvanised 2-tiered battery cages for in total 1000 birds. Cages to be supplied by reputable company specializing in poultry equipment. Contractor to submit brochure of supplier with his/her bid.
- .2 Maximum 13 birds/m², with 4 birds per cage. Minimum number of compartments/individual cages: 250. Minimum compartment size: 450 x 450 x 450mm.
- .3 Cages mounted on hot dip galvanized steel support frame, 2 tiers. Maximum height cage top: 1.50m. Maximum height header tank: 1.90mm. Battery cages placed staggered on A-type support frame to prevent soiling of lower tier cages, or, alternatively, layer cages placed vertically with galvanized refuse tray/drop board and deflectors. Galvanized metal floors with 25mm - 50mm high sides.
- .4 Positioning of the cages: somewhat ex-centric towards the higher side of the roof to reduce heat stress for the birds in the highest tier, 1.00m away from front of shed. There should be at least 1.00m walking space between walls and cages.
- .5 Drinking system: (supplied ONLY by of reputable companies specialised in poultry equipment)
 - Gravity fed stainless steel nipple drinking system (125 nipples minimum per 500 birds);
 - Water to aisle row end (PVC pipe on steel conduit, or all steel, 6 x 15m length) with one header tank per tier of cages); Further specs see Pricing Schedule for the supply and installation of battery cages.
 - Bidder to supply brochure of drinking system quoted for.

- .6 Continuous steel feed troughs (galvanized, 1.0mm minimum) with rounded edges to prevent injury. No rain gutters will be allowed! Cage stand (A-frame) to be made of galvanized material, to be equipped with pressure distributing footing. Cages to be delivered in parts and assembled and installed on site as door/wall openings are too small for some of the design to pass through preassembled.

15) ELECTRICAL RETICULATION & LIGHTING

- .1 **All electrical work to be subcontracted to a licensed electrician;**
- .2 All work to comply to the relevant SANS Standards for Electrical Installations:
- SANS 60614 Specification for conduits for electrical installations
 - SANS 60884 Plugs and socket-outlets for household and similar purposes
 - SANS 61084 Cable trunking and ducting systems for electrical installations
 - SANS 61035 Specification for conduit fittings for electrical installations
- and other relevant standards.
- .3 Connection to the power grid is **not** required for this contract. This will be done at a later stage after the beneficiaries have successfully applied for a connection with Eskom.
- .4 The shed's electrical reticulation is shown on Drawing 2: Thousand Birds Layer shed electrical reticulation, (RDN/2015/09/ANS) and Drawing 3: Detail of distribution box and circuit connections of 1000 birds layer shed.
- .5 **One triple light switch wall unit** to be installed inside against the wall 250-500mm from door.
- One switch will operate the eight (8) south side T8 fixtures, plus the one on the left.
 - One will operate the eight (8) T8's on the north side of the shed, plus the one at the entry.
 - One will operate the outside security light (Metal, bulkhead type, energy saving, 60W or equivalent).
- .6 **A circuit breaker** shall be installed at the main switch. In the case of more than one layer unit, additional circuit breakers of appropriate capacity shall be installed at every second last unit. Alternatively, one bigger capacity circuit breaker at the take off point can be used. The choice of the capacity of the circuit breaker and between one or more, higher capacity circuit breakers is to the discretion of the electrician, who may overrule the calculated proposed capacities of Drawing 2.
- .7 Use 2 x 9 T8 fluorescent fixtures per house, each holding 2 x 1.2m long 25W tubes of 25mm diameter with electro-magnetic ballast, mounted in weatherproof fibre glass or plastic housing **with a continuous gasket between the lens and fixture. No open fixtures (without lens) or fixtures with lenses without gaskets will be allowed.** The fixture should have at least 6 clips to hold the lens on, or be appropriately sealed, in order to prevent water entering or barn air from getting into the fixture and polluting the tubes.
- .8 Each side of the unit to have 18 tubes in total = 900W. Supply 18 + 6 spares = 24 T8 tubes per unit.
- .9 **Security light above door:** metal, cage bulkhead type round fixture, with 60W or eq. energy saving bulb.

16) FENCING

- .1 Use 1.2m high mesh fencing with verticals maximum 150mm apart. (Bonnox or similar). Total fence height including barbed wire and 500mm razor coils: 1.80m.

- .2 Creosoted poles of 2.4m length (100-125mm), to be placed in 600mm deep augured holes. All corner poles in free draining (no concrete under pole) concrete (15Mpa/19mm) base. Concrete base dimensions: 300 x 300 x 600mm. Use 2.4m long poles 120-150mm in corners and for the gate.
Distance between poles: 3.00m. *(Please note, drawing RDN/2013/21/FEN shows 5.0m spacing and does not show 500mm flat wrap razor coils)*
- .3 Three straining wires (top, bottom, midway) to clip hinge joined fence on. Three strands of double stranded barbed wire to run above fence, properly fixed to poles and to the top of weld mesh. Coils to be affixed to barbed wire strands. Use 30mm wire staples (5 per pole) to affix fence to poles.
- .4 Entry gate in fence at front of shed to be 3.6 x 1.8m, pipe bore 40mm x 2mm.
Gate poles to be of 2.4 m length with concrete foot 300 x 300 x 600mm. Concerning locking, a combination of a hardened chain and padlock of the makes mentioned under 13) can be used as well.
- .5 **Approximate length for fencing for various house configurations.** Based on the fence erected at a distance of 5 m away from the house(s) in longitudinal direction and 7m away from the short sides of the house. Distance between the sheds at all sides is 20m. *Figure 8 shows possible the possible configurations for up to 4 houses. Table 6 lists the approximate BoQ per configuration type. Please note that if actual measurements of the fencing perimeter can be taken, these should be used instead*

Figure 8: Typical configurations of poultry houses, with site footprints and fencing perimeters (red dashed line)

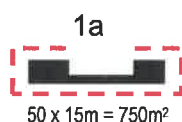


Table 6: Bill of Quantities for fencing materials at various layer house permutations										
CONFIGURATION TYPE		1a								
TOTAL LENGTH OF FENCE (M)		130								
Length with grading shed onto 1 building (m)		148								
Mesh fencing (Bonnox or similar) 100m, 1.2m igh, verticals at 150mm	Rolls	2								
Barbed wire double strand. 845m rolls	No.	1								
Razor wire flat wrap coils 500mm. 15m/roll	Rolls	9								
Creosoted poles 2.4m x 100-125mm	No.	57 67*								
Wire staples 32mm/500g/pack	No.	5								
Straining wire 3.15mm-roles of 5kg (app. 80m)	No.	5 6								
Binding wire 2mm– 5kg roles (±200m)	No.	1								

Galv. steel gate 3.6m x 1.80m + hinges: round bar (35 x 2.0mm), with 500mm flat wrap razor wire on top razor wire on top	No.	1									
Solid Brass or zinc padlock (Sobo/ Master/ Yale/ Union/Abus- no cheap ones), + chain.	No.	1									
>> * Figures in italics indicate quantities in case a grading shed is built onto one of the later houses.											

.8 Additional fencing specifications:

- 8.1. Three lines of straining line wire (3.15mm) at the top and bottom and in the middle of the fence (1200mm, 600mm and 25mm) to clip the hinged joint fence on.
- 8.2. Double boxes at corners and at gate. Boxes on both sides of the gate opening. Use binding wire (double up & twist) to cross-brace boxes and connect box poles. 10m of single wire/box.
- 8.3. Quantities based on the fence being placed 5.0m away from the houses (longitudinally) and 7.0m from the short ends. The inter house space is 20 meters.
- 8.4. Use Hinged Joint fencing Wizzard to calculate actual lengths for fencing if possible. Add razor wire coils to BoQ.

21) VENTILATED IMPROVED PIT LATRINE(S)

- .1 To be of the ventilated improved pit latrine type. Must be at least 10m away from layer house. Design, BoQ and specs as indicated on drawing RDN/2010/01/TOI.

PROJECT SCOPE/PRICE SCHEDULE

BILLS OF QUANTITIES FOR LABOUR RATES.

#	DESCRIPTION OF WORK	UNIT	QTY	RATE	TOTAL
A	MATERIALS FOR CONCRETE & WALLS				
1	Cement 50kg pockets*	No.	250		
2	River sand (course)*	m³	19		
3	Concrete stone*	m³	16		
4	Building/Plaster sand*	m³	12		
5	M 150 Cement blocks (<i>Quantity includes 5% breakage</i>)	No.	1250		
6	Brick force (M150 Block/20m roll	rolls	32		
B	TIMBER PRODUCTS				
7	Poles (CCA-treated) 100-125mm Ø x 3.9m	no.	17		
8	Poles (CCA-treated) 100-125mm Ø x 3.3m	no.	17		
9	Anti-split plates (70mm diameter)	No.	38		
10	75 x 50mm SA pine purlins (TBTO treated)	m	252		
11	38 x 114mm SA pine beams (TBTO treated)	m	256		
12	150 x 50mm SA pine beams (TBTO treated)	m	66		
13	76 x 228mm SA pine rafters (TBTO treated)	No.	19		
C	DOOR (HOUSE ONLY)				
14	Meranti (NOT pine) framed or ledged and batten door 2032 x 813 x 40mm thick with additional cross bracing on the inside (150mm wide)	no.	1		
15	ex44 x 60mm meranti doorframe	no.	1		
16	Gower or Radius euro profile cylinder lock set (Union, Yale or equivalent)	no.	1		
17	Ball bearing galv.steel butt hinges 100 x 75 x 7(min) x 3mm + 5mm screws	no.	3		
18	150mm galvanized steel padlock with gutter bolts	no.	1		
19	Solid Brass or zinc padlock (Sobo/ Master/Yale/ Union/Abus- no cheap ones)	no.	1		
D	ROOF & CLADDING (HOUSE ONLY)				
20	6.0m x 0.50mm corrugated aluzinc 10.5 grade (762mm eff. cover) (roof sheets)	No.	48		
21	Standard galvanized hurricane clips	No.	450		
22	90 x 38 x 1.0mm truss hangers	No.	40		
23	75mm wire nails	kg	15		
24	60mm std roofing screw including washer (100/box)	box	30		
25	1.25mm binding wire (56m/roll of 500g)	roll	2		
26	25mm galv. steel staples for fastening of weld mesh	kg	5		
27	30m roll of 1200 x 25 x 25 x 1.6mm weldmesh (fully galvanized)	No.	4		

BILLS OF QUANTITIES FOR LABOUR RATES.

#	DESCRIPTION OF WORK	UNIT	QTY	RATE	TOTAL
D	ROOF & CLADDING (ctd)				
28	30m roll of 1200 x 25 x 25 x 1.6mm weldmesh (fully galvanized)	No.	4		
29	15mm Ø galvanized steel handibars (threaded bar) in 1m lengths	no.	34		
30	Zinc plated 15mm hexagonal nuts	no.	204		
31	Washers 12 x 45 x 1.5mm	no.	204		
32	Fibre cement/ Nutec fascia boards (3000 x 300 x 12mm) at ends of rafters	No.	26		
33	Fibre cement Nutec OR uPVC fascia boards (300mm x 12mm)	No.	26		
34	Fascia board joiners or jointer plates	No.	30		
35	Insulation: 30mm thick Isoboard.	m²	180		
E	WATER PROVISIONING <i>See Fig.1: Installation of tanks & gutter connection</i>				
36	Water tank polypropylene 2500 L	No.	3		
37	30mm Ø PVC pipe (500-800mm in length) to connect tanks, with high density plastic on/off ball valve (30mmØ), plus fittings	No.	2		
38	Aluminium seamless 125mm OGEE gutters 0.7mm gauge	m	36		
39	Aluminium downpipes 100 x 75mm. 3 per tank, various lengths, 6 pieces in total	Sum	1		
40	Aluminium bends (A2) 100 x 75mm. Two per tank, 4 in total	No.	4		
41	Aluminium funnel outlets 290mm x 100mm x 75mm	No.	2		
42	Gutter end caps for 125mm OGEE profile gutter	No.	2		
43	Screw, pop rivets and other fixtures	Sum	1		
44	Silicon sealer (Tube) to seal entry of down pipe into tank	No.	1		
45	Water reticulation features, connections and fittings as per Section 22.	Sum	1		
46	BULKWATER CONNECTION – STANDARD OPTION (WITHOUT PUMP) <i>Price this item ONLY if the house(s) will be supplied with water via an existing pipeline. If this is not the case, do NOT price this item and go to section M (Optional works) to price the alternative option (water supply by outside tanks). Connection of existing main water supply line to the in-house pressure tanks. Including supply & installation of water meter + valve inside a valve chamber, piping from the mainline to the house(s) and all other items featured on Drawing 7: Installation Schedule for Pressure Tanks for Layer Sheds RDN/2016/12/ANS).</i>	Sum	1		
F	PLASTIC SHEETING				
47	(USB) Type C250 Micron plastic sheeting (Black/Green): Roll 3.00 x 30m SABS	Roll	2		
48	250 Micron plastic sheeting for damp proof course 150mm wide x 40m roll	Roll	3		
G	PAINT AND MISCELLANEOUS				
49	Plaster primer x 1 coat 6m²/L coverage.	Litres	30		
50	Varnish (Dark) for door	Litres	2		
51	Superior ext.PVA paint (white) e.g. Wall &All, Micatex, etc. 2 coats. Cover 8m²/L	Litres	50		

BILLS OF QUANTITIES FOR LABOUR RATES.

#	DESCRIPTION OF WORK	UNIT	QTY	RATE	TOTAL
H	SOIL POISONING				
52	Soil poisoning by recognized pest control expert.(220m ²)	Sum	1		
I	EARTHWORKS				
53	Removal of 150mm of topsoil (50 x 15m), spill to agreed upon site & spread/level out	Sum	1		
54	Leveling of site 42m x 12m (building footprint plus 3.0m on all sides)	Sum	1		
55	Digging of the foundation trenches and pole holes	Sum	1		
56	Storm water drain above the house(s). 50-100m long V-drain 2.0m wide & 0.5m deep	Sum	1		
J	CURTAINS				
57	Green/ Blue PVC Tarpaulin curtains 550 g/m ² – 32.50m x 2.50m	m ²	81.3		
58	Green/ Blue PVC Tarpaulin curtains 550 g/m ² – 32.50m x 1.50m	m ²	48.8		
59	Green/ Blue PVC Tarpaulin curtain side envelopes 550 g/m ² , 0.75 x 3.00m x 2	m ²	4.5		
60	Green/ Blue PVC Tarpaulin curtain side envelopes 550 g/m ² , 0.75 x 2.00m x 2	m ²	3.0		
61	Swaged curtain conduit: HDG 25-30mm (1-1.25") OD, lengths of 3.4m (138")	No.	20		
62	Swaged curtain conduit: HDG 40-45mm (1.66"OD), lengths of 3.4m (138") each	No.	20		
63	Self-Drilling Tek Screws #12x1-1/2" Zinc	No.	0		
64	Black Polypropylene Rope - 5mm diam - roll of 100 m	No.	2		
65	2"Nylon Pulley w/swivel Eye	No.	60		
66	Primary 2-1/2" steel strap pulleys	No.	4		
67	Galvanized Aircraft Cable 3.2mm (1/8") thick Type 7x19 OR 4.8mm 3/16" thick.	m	120		
68	Galvanized Cable Clamp 3/16"	No.	30		
69	1" Neo Bonded Galvanized Washers. Packet of 100	No.	2		
70	Fabric Clip for 1.66" OD Pipe	No.	60		

BILLS OF QUANTITIES FOR LABOUR RATES.

#	DESCRIPTION OF WORK	UNIT	QTY	RATE	TOTAL
K	GENERAL				
71	Preliminary & General Fixed & time related costs for Insurances, Occupational Health & Safety expenditure, etc)	Sum	1		
72	Site establishment	Sum	1		
73	Compliance with Occupational Health and Safety	Sum	1		
74	Provisional Amount for Material	Sum	1	R 80 000.00	

SUB TOTAL (TRANSFER TO SUMMARY PAGE)	R
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FORM OF OFFER

Reference:

Q2019/08/01 LED Projects.

Project Description:

Supplying Labour for the Construction Poultry House in ward 07

**Brought forward Price
Schedule:**

R

ADD 10% CONTINGENCY

R

Add 15% VAT:

R

Total Quote Price:

R

CONTRACT DATA (PART 1)

The Conditions of Contract are the General Conditions of Contract for Construction Works (2010) (second edition) published by the South African Institution of Civil Engineering (SAICE). Copies of these conditions of contract may be obtained from the SAICE Tel no.: (0)11 805 5947.

The General Conditions of Contract for Construction Works make several references to the Contract Data. The Contract Data shall have precedence in the interpretation of any ambiguity or inconsistency between it and the General Conditions of Contract.

Each item of data given below is cross-referenced to the clause in the General Conditions of Contract for Construction Works to which it mainly applies.

PART 1 : DATA PROVIDED BY THE EMPLOYER

Clause	Description
1.1.1.15 1.2.1.2	<p>The name of the Employer is Umvoti Municipality.</p> <p>The Employer's address for receipt of communications and notices is :</p> <p>Telephone: 033 413 9148 Facsimile: 033 413 9183</p> <p>Address (Postal) : Private Bagx1028 Address (Physical): 41 Bell Street</p> <p style="text-align: center;">Greytown Greytown</p> <p style="text-align: center;">3780 3780</p>
3.1.3	<p>The Contractor is required to obtain the specific approval of the Employer before executing any of the following functions or duties:</p> <p>a) The issuing of a variation order in terms of Clause 6.3.2</p>
4.10.1	<p>The contractor shall be required to obtain such consent for the provision of labour. The contractor shall through the services of Site Liaison Officer obtain local labour in consultation with the Project Steering Committee. Any consent to be granted by the Engineer only.</p> <p>Contractor's default in Payment to Labourers and Employees:</p> <p>Any dispute between the Contractor and labourers, regarding delayed payment or default in payment of fair wages, if not resolved immediately may compel the Employer to intervene.</p> <p>The Employer may, upon the Contractor defaulting payment, pay the moneys due to the workers not honoured in time, out of any moneys due or which may become due to the Contractor under the Contract.</p> <p>Provision of Hand tools:</p> <p>The Contractor shall throughout the project duration, provide his labour force with hand tools of adequate quality, sufficient in numbers and make the necessary provisions to maintain the tools in good and safe working conditions"</p>
5.3	The Contractor shall commence executing the Works within 7 days of after the Employer has informed the Contractor <i>in writing</i> that his quotation has been accepted.
5.6.1	The Contractor shall deliver his programme of work within 7 days of after the Employer has informed the Contractor <i>in writing</i> that his tender has been accepted.

Clause	Description
42.1	The Works shall be completed within 1 month.
46.2	No escalation is allowed in this contract.
49.3	The percentage retention on the amounts due to the Contractor is 5%.
49.3	The limit of retention money is 5% of the Contract Price INCLUDING contingencies and Vat.
53.1	The Defects Liability Period is 3 months measured from the date of the Certificate of Completion.

**SCHEDULE OF PLANT AND EQUIPMENT
AVAILABLE FOR THE CONTRACT**

The following are lists of major items of relevant equipment that I/we **presently** own or lease and will have available for this contract or will acquire or hire for this contract if my/our tender is accepted.

(a) Details of major equipment that is owned by and immediately available for this contract.

Quantity	Description, Size, Capacity, etc

Attach additional pages if more space is required.

(b) Details of major equipment that will be hired, or acquired for this contract if my/our tender is acceptable.

Quantity	Description, Size, Capacity, etc

Attach additional pages if more space is required.

Signed

Date

Name

Position

Contractor

**SCHEDULE OF WORK SATISFACTORILY
CARRIED OUT BY THE CONTRACTOR**

The following is a statement of similar work successfully executed by myself/ourselves:

Employer, contact person and telephone number	Description of Contract	Value of Work Inclusive of VAT (Rand)	Date Completed

Signed

Date

Name

Position

Contractor

MUNICIPAL MBDs DOCUMENTS

CERTIFICATE FOR PAYMENT OF MUNICIPAL SERVICES

DECLARATION IN TERMS OF PARAGRAPH 38(1)(d)(i) OF THE SUPPLY CHAIN MANAGEMENT POLICY OF THE UMVOTI MUNICIPALITY (To be signed in the presence of a Commissioner of Oaths)

I, _____, _____ (full name and ID no.), hereby acknowledge that the Municipality may reject the tender of the tenderer if any municipal rates and taxes or municipal service charges owed by the bidder or any of its directors/members/partners to the Umvoti Municipality, or to any other municipality or municipal entity, are

in arrears for more than 3 (three) months.

I declare that I am duly authorised to act on behalf of _____ (name of the firm) and hereby declare, that to the best of my personal knowledge, neither the firm nor any director/member/partner of said firm is in arrears on any of its municipal accounts with any municipality in the Republic of South Africa, for a period longer than 3 (three) months.

I further hereby certify that the information set out in this schedule and/or attachment(s) hereto is true and correct. The bidder acknowledges that failure to properly and truthfully complete this schedule may result in the tender being disqualified, and/or in the event that the tenderer is successful, the cancellation of the contract.

PHYSICAL BUSINESS ADDRESS (ES) OF THE TENDERER

MUNICIPAL ACCOUNT NUMBER

Further details of the bidder's director(s) / shareholder(s) / partner(s) / member(s), etc.:

Director / partner / member	Physical residential address of the director / partner / member	Municipal account number(s)
PLEASE NOTE: 1. Copies of all municipal accounts, not older than 3 months, to be submitted with the bid. 2. If the entity or any of its directors/shareholders/partners/members, etc. rents/leases premises a copy of the rental/lease agreement is to be submitted with this bid.		
Signature	Position	Date

COMMISSIONER OF OATHS

Signed and sworn to before me at _____, on _____
 This _____ day of _____ 20____
 by the deponent, who has acknowledged that he/she knows and understands the contents of this affidavit, it is true and correct to the best of his/her knowledge and that he/she has no objection to taking the prescribed oath, and that the prescribed oath will be binding on his/her conscience.

COMMISSIONER OF OATHS:- _____

Position:

Address:

Tel:

Apply official stamp of authority on this page:

PRICING SCHEDULE – FIRM PRICES (PURCHASES)

NOTE: ONLY FIRM PRICES WILL BE ACCEPTED. NON-FIRM PRICES (INCLUDING PRICES SUBJECT TO RATES OF EXCHANGE VARIATIONS) WILL NOT BE CONSIDERED

IN CASES WHERE DIFFERENT DELIVERY POINTS INFLUENCE THE PRICING, A SEPARATE PRICING SCHEDULE MUST BE SUBMITTED FOR EACH DELIVERY POINT

Name of Bidder.....	Bid Number.....
Closing Time	Closing Date

OFFER TO BE VALID FOR.....DAYS FROM THE CLOSING DATE OF BID.

ITEM NO.	QUANTITY	DESCRIPTION	BID PRICE IN RSA CURRENCY **(ALL APPLICABLE TAXES INCLUDED)
----------	----------	-------------	--

- | | | | |
|---|--|--|--------------------------|
| - | Required by: | | |
| - | At: | | |
| - | Brand and Model | | |
| - | Country of Origin | | |
| - | Does the offer comply with the specification(s)? | | *YES/NO |
| - | If not to specification, indicate deviation(s) | | |
| - | Period required for delivery | | *Delivery: Firm/Not firm |
| - | Delivery basis | | |

Note: All delivery costs must be included in the bid price, for delivery at the prescribed destination.

** "all applicable taxes" includes value-added tax, pay as you earn, income tax, unemployment insurance fund contributions and skills development levies.

*Delete if not applicable

MBD 4

DECLARATION OF INTEREST

1. No bid will be accepted from persons in the service of the state¹.
2. Any person, having a kinship with persons in the service of the state, including a blood relationship, may make an offer or offers in terms of this invitation to bid. In view of possible allegations of favouritism, should the resulting bid, or part thereof, be awarded to persons connected with or related to persons in service of the state, it is required that the bidder or their authorised representative declare their position in relation to the evaluating/adjudicating authority.
- 3 In order to give effect to the above, the following questionnaire must be completed and submitted with the bid.**

3.1 Full Name of bidder or his or her representative:.....

3.2 Identity Number:

3.3 Position occupied in the Company (director, trustee, shareholder²):.....

3.4 Company Registration Number:

3.5 Tax Reference Number:.....

3.6 VAT Registration Number:

3.7 The names of all directors / trustees / shareholders members, their individual identity numbers and state employee numbers must be indicated in paragraph 4 below.

3.8 Are you presently in the service of the state? **YES / NO**

3.8.1 If yes, furnish particulars.

¹MSCM Regulations: "in the service of the state" means to be –

(a) a member of –

- (i) any municipal council;
- (ii) any provincial legislature; or
- (iii) the national Assembly or the national Council of provinces;

(b) a member of the board of directors of any municipal entity;

(c) an official of any municipality or municipal entity;

(d) an employee of any national or provincial department, national or provincial public entity or constitutional institution within the meaning of the Public Finance Management Act, 1999 (Act No.1 of 1999);

(e) a member of the accounting authority of any national or provincial public entity; or

(f) an employee of Parliament or a provincial legislature.

² Shareholder" means a person who owns shares in the company and is actively involved in the management of the company or business and exercises control over the company.

- 3.9 Have you been in the service of the state for the past twelve months? **YES / NO**
- 3.9.1 If yes, furnish particulars.....
.....
- 3.10 Do you have any relationship (family, friend, other) with persons in the service of the state and who may be involved with the evaluation and or adjudication of this bid? **YES / NO**
- 3.10.1 If yes, furnish particulars.
.....
.....
- 3.11 Are you, aware of any relationship (family, friend, other) between any other bidder and any persons in the service of the state who may be involved with the evaluation and or adjudication of this bid? **YES / NO**
- 3.11.1 If yes, furnish particulars
.....
.....
- 3.12 Are any of the company's directors, trustees, managers, principle shareholders or stakeholders in service of the state? **YES / NO**
- 3.12.1 If yes, furnish particulars.
.....
.....
- 3.13 Are any spouse, child or parent of the company's directors trustees, managers, principle shareholders or stakeholders in service of the state? **YES / NO**
- 3.13.1 If yes, furnish particulars.
.....
.....
- 3.14 Do you or any of the directors, trustees, managers, principle shareholders, or stakeholders of this company have any interest in any other related companies or business whether or not they are bidding for this contract. **YES / NO**
- 3.14.1 If yes, furnish particulars:
.....
.....

4. Full details of directors / trustees / members / shareholders.

Full Name	Identity Number	State Employee Number

.....
Signature

.....
Date

.....
Capacity

.....
Name of Bidder

PREFERENCE POINTS CLAIM FORM IN TERMS OF THE PREFERENTIAL PROCUREMENT REGULATIONS 2017

This preference form must form part of all bids invited. It contains general information and serves as a claim form for preference points for Broad-Based Black Economic Empowerment (B-BBEE) Status Level of Contribution

NB: BEFORE COMPLETING THIS FORM, BIDDERS MUST STUDY THE GENERAL CONDITIONS, DEFINITIONS AND DIRECTIVES APPLICABLE IN RESPECT OF B-BBEE, AS PRESCRIBED IN THE PREFERENTIAL PROCUREMENT REGULATIONS, 2017.

1. GENERAL CONDITIONS

1.1 The following preference point systems are applicable to all bids:

- the 80/20 system for requirements with a Rand value of up to R50 000 000 (all applicable taxes included); and
- the 90/10 system for requirements with a Rand value above R50 000 000 (all applicable taxes included).

1.2

- a) The value of this bid is estimated to ~~exceed~~/not exceed R50 000 000 (all applicable taxes included) and therefore the **80/20** preference point system shall be applicable; or
- b) Either the 80/20 or 90/10 preference point system will be applicable to this tender (*delete whichever is not applicable for this tender*).

1.3 Points for this bid shall be awarded for:

- (a) Price; and
- (b) B-BBEE Status Level of Contributor.

1.4 The maximum points for this bid are allocated as follows:

	POINTS
PRICE	80
B-BBEE STATUS LEVEL OF CONTRIBUTOR	20
Total points for Price and B-BBEE must not exceed	100

1.5 Failure on the part of a bidder to submit proof of B-BBEE Status level of contributor together with the bid, will be interpreted to mean that preference points for B-BBEE status level of contribution are not claimed.

1.6 The purchaser reserves the right to require of a bidder, either before a bid is adjudicated or at any time subsequently, to substantiate any claim in regard to preferences, in any manner required by the purchaser.

2. DEFINITIONS

- (a) **“B-BBEE”** means broad-based black economic empowerment as defined in section 1 of the Broad-Based Black Economic Empowerment Act;
- (b) **“B-BBEE status level of contributor”** means the B-BBEE status of an entity in terms of a code of good practice on black economic empowerment, issued in terms of section 9(1) of the Broad-Based Black Economic Empowerment Act;
- (c) **“bid”** means a written offer in a prescribed or stipulated form in response to an invitation by an organ of state for the provision of goods or services, through price quotations, advertised competitive bidding processes or proposals;
- (d) **“Broad-Based Black Economic Empowerment Act”** means the Broad-Based Black Economic Empowerment Act, 2003 (Act No. 53 of 2003);
- (e) **“EME”** means an Exempted Micro Enterprise in terms of a code of good practice on black economic empowerment issued in terms of section 9 (1) of the Broad-Based Black Economic Empowerment Act;
- (f) **“functionality”** means the ability of a tenderer to provide goods or services in accordance with specifications as set out in the tender documents.
- (g) **“prices”** includes all applicable taxes less all unconditional discounts;
- (h) **“proof of B-BBEE status level of contributor”** means:
 - 1) B-BBEE Status level certificate issued by an authorized body or person;
 - 2) A sworn affidavit as prescribed by the B-BBEE Codes of Good Practice;
 - 3) Any other requirement prescribed in terms of the B-BBEE Act;
- (i) **“QSE”** means a qualifying small business enterprise in terms of a code of good practice on black economic empowerment issued in terms of section 9 (1) of the Broad-Based Black Economic Empowerment Act;
- (j) **“rand value”** means the total estimated value of a contract in Rand, calculated at the time of bid invitation, and includes all applicable taxes;

3. POINTS AWARDED FOR PRICE

3.1 THE 80/20 OR 90/10 PREFERENCE POINT SYSTEMS

A maximum of 80 or 90 points is allocated for price on the following basis:

80/20

or

90/10

$$P_s = 80 \left(1 - \frac{P_t - P_{\min}}{P_{\min}} \right) \quad \text{or} \quad P_s = 90 \left(1 - \frac{P_t - P_{\min}}{P_{\min}} \right)$$

Where

Ps = Points scored for price of bid under consideration

Pt = Price of bid under consideration

P_{min} = Price of lowest acceptable bid

4. POINTS AWARDED FOR B-BBEE STATUS LEVEL OF CONTRIBUTOR

- 4.1 In terms of Regulation 6 (2) and 7 (2) of the Preferential Procurement Regulations, preference points must be awarded to a bidder for attaining the B-BBEE status level of contribution in accordance with the table below:

B-BBEE Status Level of Contributor	Number of points (80/20 system)
1	20
2	18
3	14
4	12
5	8
6	6
7	4
8	2
Non-compliant contributor	0

5. BID DECLARATION

- 5.1 Bidders who claim points in respect of B-BBEE Status Level of Contribution must complete the following:

6. B-BBEE STATUS LEVEL OF CONTRIBUTOR CLAIMED IN TERMS OF PARAGRAPHS 1.4 AND 4.1

- 6.1 B-BBEE Status Level of Contributor: . =(maximum of 10 or 20 points)
(Points claimed in respect of paragraph 7.1 must be in accordance with the table reflected in paragraph 4.1 and must be substantiated by relevant proof of B-BBEE status level of contributor.)

7. SUB-CONTRACTING

- 7.1 Will any portion of the contract be sub-contracted?

(Tick applicable box)

YES	<input type="checkbox"/>	NO	<input type="checkbox"/>
-----	--------------------------	----	--------------------------

- 7.1.1 If yes, indicate:

- What percentage of the contract will be subcontracted.....%
- The name of the sub-contractor.....
- The B-BBEE status level of the sub-contractor.....
- Whether the sub-contractor is an EME or QSE

(Tick applicable box)

YES	<input type="checkbox"/>	NO	<input type="checkbox"/>
-----	--------------------------	----	--------------------------

- v) Specify, by ticking the appropriate box, if subcontracting with an enterprise in terms of Preferential Procurement Regulations, 2017:

Designated Group: An EME or QSE which is at last 51% owned by:	EME ✓	QSE ✓
Black people		
Black people who are youth		
Black people who are women		
Black people with disabilities		
Black people living in rural or underdeveloped areas or townships		
Cooperative owned by black people		

Black people who are military veterans		
OR		
Any EME		
Any QSE		

8. DECLARATION WITH REGARD TO COMPANY/FIRM

8.1 Name of company/firm:.....

8.2 VAT registration number:.....

8.3 Company registration number:.....

8.4 TYPE OF COMPANY/ FIRM

Partnership/Joint Venture / Consortium

One person business/sole propriety

Close corporation

Company

(Pty) Limited

[TICK APPLICABLE BOX]

8.5 DESCRIBE PRINCIPAL BUSINESS ACTIVITIES

.....

8.6 COMPANY CLASSIFICATION

Manufacturer

Supplier

Professional service provider

Other service providers, e.g. transporter, etc.

[TICK APPLICABLE BOX]

8.7 MUNICIPAL INFORMATION

Municipality where business is situated:

Registered Account Number:

Stand Number.....

8.8 Total number of years the company/firm has been in business.....

8.9 I/we, the undersigned, who is / are duly authorised to do so on behalf of the company/firm, certify that the points claimed, based on the B-BBE status level of contributor indicated in paragraphs 1.4 and 6.1 of the foregoing certificate, qualifies the company/ firm for the preference(s) shown and I / we acknowledge that:

- i) The information furnished is true and correct;
- ii) The preference points claimed are in accordance with the General Conditions as indicated in paragraph 1 of this form;
- iii) In the event of a contract being awarded as a result of points claimed as shown in paragraphs 1.4 and 6.1, the contractor may be required to furnish documentary proof to the satisfaction of the purchaser that the claims are correct;

iv) If the B-BBEE status level of contributor has been claimed or obtained on a fraudulent basis or any of the conditions of contract have not been fulfilled, the purchaser may, in addition to any other remedy it may have –

- (a) disqualify the person from the bidding process;
- (b) recover costs, losses or damages it has incurred or suffered as a result of that person's conduct;
- (c) cancel the contract and claim any damages which it has suffered as a result of having to make less favourable arrangements due to such cancellation;
- (d) recommend that the bidder or contractor, its shareholders and directors, or only the shareholders and directors who acted on a fraudulent basis, be restricted by the National Treasury from obtaining business from any organ of state for a period not exceeding 10 years, after the *audi alteram partem* (hear the other side) rule has been applied; and
- (e) forward the matter for criminal prosecution.

WITNESSES

1.

2.

.....
SIGNATURE(S) OF BIDDERS(S)

DATE:

ADDRESS

.....

.....

DECLARATION OF BIDDER'S PAST SUPPLY CHAIN MANAGEMENT PRACTICES

- 1 This Municipal Bidding Document must form part of all bids invited.
- 2 It serves as a declaration to be used by municipalities and municipal entities in ensuring that when goods and services are being procured, all reasonable steps are taken to combat the abuse of the supply chain management system.
- 3 The bid of any bidder may be rejected if that bidder, or any of its directors have:
 - a. abused the municipality's / municipal entity's supply chain management system or committed any improper conduct in relation to such system;
 - b. been convicted for fraud or corruption during the past five years;
 - c. willfully neglected, reneged on or failed to comply with any government, municipal or other public sector contract during the past five years; or
 - d. been listed in the Register for Tender Defaulters in terms of section 29 of the Prevention and Combating of Corrupt Activities Act (No 12 of 2004).
- 4 **In order to give effect to the above, the following questionnaire must be completed and submitted with the bid.**

Item	Question	Yes	No
4.1	<p>Is the bidder or any of its directors listed on the National Treasury's Database of Restricted Suppliers as companies or persons prohibited from doing business with the public sector?</p> <p>(Companies or persons who are listed on this Database were informed in writing of this restriction by the Accounting Officer/Authority of the institution that imposed the restriction after the <i>audi alteram partem</i> rule was applied).</p> <p>The Database of Restricted Suppliers now resides on the National Treasury's website(www.treasury.gov.za) and can be accessed by clicking on its link at the bottom of the home page.</p>	<p>Yes</p> <input type="checkbox"/>	<p>No</p> <input type="checkbox"/>
4.1.1	If so, furnish particulars:		
4.2	<p>Is the bidder or any of its directors listed on the Register for Tender Defaulters in terms of section 29 of the Prevention and Combating of Corrupt Activities Act (No 12 of 2004)?</p> <p>The Register for Tender Defaulters can be accessed on the National Treasury's website (www.treasury.gov.za) by clicking on its link at the bottom of the home page.</p>	<p>Yes</p> <input type="checkbox"/>	<p>No</p> <input type="checkbox"/>
4.2.1	If so, furnish particulars:		
4.3	<p>Was the bidder or any of its directors convicted by a court of law (including a court of law outside the Republic of South Africa) for fraud or corruption during the past five years?</p>	<p>Yes</p> <input type="checkbox"/>	<p>No</p> <input type="checkbox"/>

4.3.1	If so, furnish particulars:		
Item	Question	Yes	No
4.4	Does the bidder or any of its directors owe any municipal rates and taxes or municipal charges to the municipality / municipal entity, or to any other municipality / municipal entity, that is in arrears for more than three months?	Yes <input type="checkbox"/>	No <input type="checkbox"/>
4.4.1	If so, furnish particulars:		
4.5	Was any contract between the bidder and the municipality / municipal entity or any other organ of state terminated during the past five years on account of failure to perform on or comply with the contract?	Yes <input type="checkbox"/>	No <input type="checkbox"/>
4.7.1	If so, furnish particulars:		

CERTIFICATION

**I, THE UNDERSIGNED (FULL NAME)
 CERTIFY THAT THE INFORMATION FURNISHED ON THIS
 DECLARATION FORM TRUE AND CORRECT.**

**I ACCEPT THAT, IN ADDITION TO CANCELLATION OF A CONTRACT,
 ACTION MAY BE TAKEN AGAINST ME SHOULD THIS DECLARATION
 PROVE TO BE FALSE.**

.....
Signature

.....
Date

.....
Position

.....
Name of Bidder

CERTIFICATE OF INDEPENDENT BID DETERMINATION

- 1 This Municipal Bidding Document (MBD) must form part of all bids¹ invited.
- 2 Section 4 (1) (b) (iii) of the Competition Act No. 89 of 1998, as amended, prohibits an agreement between, or concerted practice by, firms, or a decision by an association of firms, if it is between parties in a horizontal relationship and if it involves collusive bidding (or bid rigging).² Collusive bidding is a *pe se* prohibition meaning that it cannot be justified under any grounds.
- 3 Municipal Supply Regulation 38 (1) prescribes that a supply chain management policy must provide measures for the combating of abuse of the supply chain management system, and must enable the accounting officer, among others, to:
 - a. take all reasonable steps to prevent such abuse;
 - b. reject the bid of any bidder if that bidder or any of its directors has abused the supply chain management system of the municipality or municipal entity or has committed any improper conduct in relation to such system; and
 - c. cancel a contract awarded to a person if the person committed any corrupt or fraudulent act during the bidding process or the execution of the contract.
- 4 This MBD serves as a certificate of declaration that would be used by institutions to ensure that, when bids are considered, reasonable steps are taken to prevent any form of bid-rigging.
- 5 In order to give effect to the above, the attached Certificate of Bid Determination (MBD 9) must be completed and submitted with the bid:

¹ Includes price quotations, advertised competitive bids, limited bids and proposals.

² Bid rigging (or collusive bidding) occurs when businesses, that would otherwise be expected to compete, secretly conspire to raise prices or lower the quality of goods and / or services for purchasers who wish to acquire goods and / or services through a bidding process. Bid rigging is, therefore, an agreement between competitors not to compete.

CERTIFICATE OF INDEPENDENT BID DETERMINATION

I, the undersigned, in submitting the accompanying bid:

(Bid Number and Description)

in response to the invitation for the bid made by:

(Name of Municipality / Municipal Entity)

do hereby make the following statements that I certify to be true and complete in every respect:

I certify, on behalf of: _____ that:

(Name of Bidder)

1. I have read and I understand the contents of this Certificate;
2. I understand that the accompanying bid will be disqualified if this Certificate is found not to be true and complete in every respect;
3. I am authorized by the bidder to sign this Certificate, and to submit the accompanying bid, on behalf of the bidder;
4. Each person whose signature appears on the accompanying bid has been authorized by the bidder to determine the terms of, and to sign, the bid, on behalf of the bidder;
5. For the purposes of this Certificate and the accompanying bid, I understand that the word "competitor" shall include any individual or organization, other than the bidder, whether or not affiliated with the bidder, who:
 - (a) has been requested to submit a bid in response to this bid invitation;
 - (b) could potentially submit a bid in response to this bid invitation, based on their qualifications, abilities or experience; and
 - (c) provides the same goods and services as the bidder and/or is in the same line of business as the bidder

6. The bidder has arrived at the accompanying bid independently from, and without consultation, communication, agreement or arrangement with any competitor. However communication between partners in a joint venture or consortium³ will not be construed as collusive bidding.
7. In particular, without limiting the generality of paragraphs 6 above, there has been no consultation, communication, agreement or arrangement with any competitor regarding:
 - (a) prices;
 - (b) geographical area where product or service will be rendered (market allocation)
 - (c) methods, factors or formulas used to calculate prices;
 - (d) the intention or decision to submit or not to submit, a bid;
 - (e) the submission of a bid which does not meet the specifications and conditions of the bid; or
 - (f) bidding with the intention not to win the bid.
8. In addition, there have been no consultations, communications, agreements or arrangements with any competitor regarding the quality, quantity, specifications and conditions or delivery particulars of the products or services to which this bid invitation relates.
9. The terms of the accompanying bid have not been, and will not be, disclosed by the bidder, directly or indirectly, to any competitor, prior to the date and time of the official bid opening or of the awarding of the contract.

³ Joint venture or Consortium means an association of persons for the purpose of combining their expertise, property, capital, efforts, skill and knowledge in an activity for the execution of a contract.

10. I am aware that, in addition and without prejudice to any other remedy provided to combat any restrictive practices related to bids and contracts, bids that are suspicious will be reported to the Competition Commission for investigation and possible imposition of administrative penalties in terms of section 59 of the Competition Act No 89 of 1998 and or may be reported to the National Prosecuting Authority (NPA) for criminal investigation and or may be restricted from conducting business with the public sector for a period not exceeding ten (10) years in terms of the Prevention and Combating of Corrupt Activities Act No 12 of 2004 or any other applicable legislation.

.....
Signature

.....
Date

.....
Position

.....
Name of Bidder

Js9141w 4