

| ESTIMATION DPR | | | | | | | |
|----------------|--------|-----------------|---------|--------------|------------|-----------------------|----------|
| State | Odisha | District | Koraput | Block | Semiliguda | Gram Panchayat | Hataguda |

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| Work Code | OD/363/3479/119917/429898/00047593 (Provision of Facility Centre at Hataguda GP Hqr) |
| Project Category | Building |

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| Financial Year | 2022-23 | Execution Level | PS |
| Executing Agency | Panchayat Samiti, Semiliguda | Proposal Date | 12-12-2023 |
| Date of Commencement | 11-08-2025 | Date of Completion | - |
| Scheme Name | 5th SFC Grant in Aid | Scheme Component Name | Provision of Facilities at GP Head Quarter |
| Project Sub-Category | GP Facility Centre | Project Type | New Work |
| Name of Executant | SMT SWARNAPRAVA NAIK | | |

Administrative Approval Details

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| Approval No. | OD/363/3479/119917/429898/00047593/AS |
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Technical Sanction Details

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| Technical Sanction No. | OD/363/3479/119917/429898/00047593/TS |
| Fund Sanction No. | 6056 |
| Fund Sanction Amount (in Rs.) | 1000000 |

ROYALTY STATEMENT

| Sl.No. | Activity Name/Material | Qty/unit (B=Analysis Basic Qty/Header Unit) | Quantity (Meaurement Qty) | Unit |
|--------|---|---|---------------------------|------|
| 1 | Earth Work (AR0102aa) :.Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift - Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift including rough dressing and breaking clods to maximum 5cm to 7cm and laying in layers not exceeding 0.3m in depth and as per the direction of the Engineer-in-charge | - | 51.72075 | Cum |

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| 2 | Earth Work (AR0115) :.Filling foundation and plinth with sand well watered and rammed - Filling foundation and plinth with sand well watered and rammed including cost, conveyance, royalty, taxes of all materials, labours and T & P required for the work etc. complete and as per direction of Engineer-in charge. | - | 22.63725 | Cum |
| i) | BRM029 : Sand for filling and road blinding | 1 | 22.63725 | 1 Cum |
| 3 | Concrete (AR0303) :.Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal - Cement concrete (1:3:6) with 4 cm. hard granite(Crusher Broken) metal including laying in layers not exceeding 300 mm in depth, ramming, compacting to proper thickness, watering and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&P required for the work etc. complete and as per direction of Engineer-in charge. | - | 7.95375 | Cum |
| i) | BRM340 : Cement | 2.29 | 18.2140875 | 1 Qntl. |
| ii) | BRM028 : Screened and washed sharp sand for mortar | 0.48 | 3.8178 | 1 Cum |
| iii) | BRM044 : Granite Stone broken metal 40mm. size (Crusher broken) | 0.96 | 7.6356 | 1 Cum. |

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| 4 | Masonry Stone Work (AR0703) :.Random rubble H.G. stone of masonry. - Random rubble H.G. stone of size not less than 0.0025 cum stacked masonry in cement mortar (1:6) in foundation and plinth including watering, curing for seven days with cost conveyance, royalty,taxes of all materials, labour and T&P required for the work etc. complete and as per direction of Engineer-in charge. | - | 23.94081 | Cum |
| i) | BRM340 : Cement | 0.8151 | 19.514154231 | 1 Qntl. |
| ii) | BRM028 : Screened and washed sharp sand for mortar | 0.34 | 8.1398754 | 1 Cum |
| iii) | BRM034 : Granite broken stone of size not less than 0.0025 Cum. Stacked | 1 | 23.94081 | 1 Cum. |
| 5 | R.C.C. Work (AR0404Aa) :.Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips - Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty,taxes of all materials, labour and T&P required for the work etc. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC foundation, footing bases of column, mass concrete, pre-cast slabs etc.) | - | 4.968765 | Cum |
| i) | BRM340 : Cement | 3.4733 | 17.2580114745 | 1 Qntl. |

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| ii) | BRM028 : Screened and washed sharp sand for mortar | 0.45 | 2.23594425 | 1 Cum |
| iii) | BRM060 : Granite Stone broken chips 10mm. size (Minimum 65% by Wt. Passing through 9.5mm sieve & retained on 6.3mm sieve but whole should pass through 13.2mm sieve) (Crusher broken) | 0.36 | 1.7887554 | 1 Cum. |
| iv) | BRM052 : Granite Stone broken chips 20mm. size (Minimum 65% by Wt. Passing through 19mm sieve & retained on 13.2mm sieve but whole should pass through 26.5mm sieve) (Crusher broken) | 0.54 | 2.6831331 | 1 Cum. |
| v) | BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma) | 0.004005 | 0.019899903825 | 1Cum. |
| vi) | BRM092 : Non-sal bullahs 75mm. mean dia of any length. | 0.000921 | 0.004576232565 | 1Mtr. |
| 6 | R.C.C. Work (AR0404Ab) :.Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips - Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty,taxes of all materials, labour and T&P required for the work etc. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Plinth band) | - | 2.0102 | Cum |
| i) | BRM340 : Cement | 3.4733 | 6.98202766 | 1 Qntl. |
| ii) | BRM028 : Screened and washed sharp sand for mortar | 0.45 | 0.90459 | 1 Cum |

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| iii) | BRM060 : Granite Stone broken chips 10mm. size (Minimum 65% by Wt. Passing through 9.5mm sieve & retained on 6.3mm sieve but whole should pass through 13.2mm sieve) (Crusher broken) | 0.36 | 0.723672 | 1 Cum. |
| iv) | BRM052 : Granite Stone broken chips 20mm. size (Minimum 65% by Wt. Passing through 19mm sieve & retained on 13.2mm sieve but whole should pass through 26.5mm sieve) (Crusher broken) | 0.54 | 1.085508 | 1 Cum. |
| v) | BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma) | 0.01335 | 0.02683617 | 1Cum. |
| vi) | BRM092 : Non-sal bullahs 75mm. mean dia of any length. | 0.00307 | 0.006171314 | 1Mtr. |
| 7 | R.C.C. Work (AR0404Ac) :.Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips - Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty,taxes of all materials, labour and T&P required for the work etc. (including centring and shuttering) complete and as per direction of Engineer-in charge. (RCC Beams, Column, Girder & Bressmer etc) | - | 3.816735 | Cum |
| i) | BRM340 : Cement | 3.4733 | 13.2566656755 | 1 Qntl. |
| ii) | BRM028 : Screened and washed sharp sand for mortar | 0.45 | 1.71753075 | 1 Cum |

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| iii) | BRM060 : Granite Stone broken chips 10mm. size (Minimum 65% by Wt. Passing through 9.5mm sieve & retained on 6.3mm sieve but whole should pass through 13.2mm sieve) (Crusher broken) | 0.36 | 1.3740246 | 1 Cum. |
| iv) | BRM052 : Granite Stone broken chips 20mm. size (Minimum 65% by Wt. Passing through 19mm sieve & retained on 13.2mm sieve but whole should pass through 26.5mm sieve) (Crusher broken) | 0.54 | 2.0610369 | 1 Cum. |
| v) | BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long. | 0.045339 | 0.173046948165 | 1Mtr |
| vi) | BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma) | 0.041529 | 0.158505187815 | 1Cum. |
| 8 | R.C.C. Work (AR0404Ad) :Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips - Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty,taxes of all materials, labour and T&P required for the work etc. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Lintels) | - | 1.209225 | Cum |
| i) | BRM340 : Cement | 3.4733 | 4.2000011925 | 1 Qntl. |
| ii) | BRM028 : Screened and washed sharp sand for mortar | 0.45 | 0.54415125 | 1 Cum |

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| iii) | BRM060 : Granite Stone broken chips 10mm. size (Minimum 65% by Wt. Passing through 9.5mm sieve & retained on 6.3mm sieve but whole should pass through 13.2mm sieve) (Crusher broken) | 0.36 | 0.435321 | 1 Cum. |
| iv) | BRM052 : Granite Stone broken chips 20mm. size (Minimum 65% by Wt. Passing through 19mm sieve & retained on 13.2mm sieve but whole should pass through 26.5mm sieve) (Crusher broken) | 0.54 | 0.6529815 | 1 Cum. |
| v) | BRM094 : Non-sal bullahs 125mm. mean dia of any length. | 0.049542 | 0.05990742495 | 1Mtr. |
| vi) | BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma) | 0.0741335 | 0.0896440815375 | 1Cum. |
| 9 | R.C.C. Work (AR0404Ag) :.Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips - Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty,taxes of all materials, labour and T&P required for the work etc. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Roof slab, landing, balcony, sun shade) | - | 7.825 | Cum |
| i) | BRM340 : Cement | 3.4733 | 27.1785725 | 1 Qntl. |
| ii) | BRM028 : Screened and washed sharp sand for mortar | 0.45 | 3.52125 | 1 Cum |

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| iii) | BRM060 : Granite Stone broken chips 10mm. size (Minimum 65% by Wt. Passing through 9.5mm sieve & retained on 6.3mm sieve but whole should pass through 13.2mm sieve) (Crusher broken) | 0.36 | 2.817 | 1 Cum. |
| iv) | BRM052 : Granite Stone broken chips 20mm. size (Minimum 65% by Wt. Passing through 19mm sieve & retained on 13.2mm sieve but whole should pass through 26.5mm sieve) (Crusher broken) | 0.54 | 4.2255 | 1 Cum. |
| v) | BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long. | 0.076659 | 0.599856675 | 1Mtr |
| vi) | BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma) | 0.0502172 | 0.39294959 | 1Cum. |
| 10 | Plastering (AR1004) :.12mm thick cement plaster (1:6) over Brick work in inside - 12mm thick cement plaster (1:6) over Brick work in inside including racking out joints finishing smooth with proper plumb and line curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc. comp.and as per direction of Engineer-in-charge. | - | 76.695 | Sqm |
| i) | BRM340 : Cement | 0.0358 | 2.745681 | 1 Qntl. |
| ii) | BRM028 : Screened and washed sharp sand for mortar | 0.015 | 1.150425 | 1 Cum |

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| 11 | Plastering (AR1014) ::16mm thick cement Plaster in CM (1:6) over brick work in inside. - 16mm thick cement Plaster in CM (1:6) over brick work in inside including racking out joints finishing smooth with proper plumb and line, curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc comp.and as per direction of Engineer-in-charge. | - | 124.845 | Sqm |
| i) | BRM340 : Cement | 0.043 | 5.368335 | 1 Qntl. |
| ii) | BRM028 : Screened and washed sharp sand for mortar | 0.018 | 2.24721 | 1 Cum |
| 12 | Plastering (AR1008) ::20mm thick cement Plaster in CM (1:6) over brick work in inside. - 20mm thick cement Plaster in CM (1:6) for stone work in inside including racking out joints finishing smooth with proper plumb and line, curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc comp.and as per direction of Engineer-in-charge. | - | 33.58125 | Sqm |
| i) | BRM340 : Cement | 0.057 | 1.91413125 | 1 Qntl. |
| ii) | BRM028 : Screened and washed sharp sand for mortar | 0.021 | 0.70520625 | 1 Cum |

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| 13 | <p>Concrete (AR0307) :.Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum - Cement concrete work with (1:2:4) using 12mm size hard granite(crusher broken) chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&P required for the work etc. complete as per specificaion and direction of Engineer-in charge.</p> | - | 3.2844 | Cum |
| i) | BRM340 : Cement | 3.23 | 10.608612 | 1 Qntl. |
| ii) | BRM028 : Screened and washed sharp sand for mortar | 0.45 | 1.47798 | 1 Cum |
| iii) | BRM056 : Granite Stone broken chips 12mm. size (Minimum 65% by Wt. Passing through 13.2mm sieve & retained on 9.50mm sieve but whole should pass through 19mm sieve) (Crusher broken) | 0.9 | 2.95596 | 1 Cum. |
| 14 | <p>R.C.C. Work (AR0409) :.Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position - Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position including cost of binding wire 18 to 20 gauge with cost of steel rod and as per drawing, design, and direction of Engineer-in-charge.</p> | - | 18.90401 | Qntl |
| i) | BRM341 : Steel | 1.05 | 19.8492105 | 1 Qntl. |

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| 15 | <p>Flooring (AR0817b) :.Fixing ceramic tiles (20cmx30cm / 20cmx20cm special plain/printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753) - Fixing ceramic tiles (20cmx30cm / 20cmx20cm special plain/printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753) in wall cladding on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the ceramic tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge.</p> | - | 36.5325 | Sqm |
| i) | <p>BRM129 : Tiles up to 20cmx30cm / 20cm x 20cm special plain /printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753</p> | 1 | 36.5325 | 1 Sqm. |
| ii) | <p>BRM340 : Cement</p> | 0.1375 | 5.02321875 | 1 Qntl. |
| iii) | <p>BRM028 : Screened and washed sharp sand for mortar</p> | 0.015 | 0.5479875 | 1 Cum |

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| 16 | <p>Other Building Items. (AR1901B) :.Vitrified Tile 600mmx600mm Plain Ivory - Supplying, fitting & fixing Vitrified Tile 600mmx600mm Plain Ivory in floors of size 600mm x 600 mm of approved make conforming IS:13755 laid on 20 mm thick cement mortar(1:4)and filling joints with white cement of approved quality including cost of all materials, taxes, labour, T&P , etc. required for the work all complete as per direction of Engineer-in-charge(for new work only)</p> | - | 49.7675 | Sqm |
| i) | BRM174 : White Cement. | 0.0076 | 0.378233 | 1Qntl |
| ii) | BRM340 : Cement | 0.1074 | 5.3450295 | 1 Qntl. |
| iii) | BRM028 : Screened and washed sharp sand for mortar | 0.021 | 1.0451175 | 1 Cum |
| iv) | BRM131 : Tiles up to Polished Vitrified floor tiles of premium grade having thickness 8 mm to 10mm confirming to IS 15622:2006 (Group-B la) of sizes Vitrified Tile 600mmx600mm Plain (Ivory) | 1 | 49.7675 | 1 Sqm. |
| 17 | <p>Other Building Items. (AR1907) :.aluminum sliding window (sliding type) - Supplying, fitting, fixing up window (sliding type) made up aluminum Section 9778,as windows frame, section No. 4095,4096 and 9777, 3994 as shutter frame with 5mm thick black glass as panel fitted with rubber beading including locking arrangement including all fitting including cost of materials all taxes labour, T&P etc. complete as per direction of Engineer-incharge.</p> | - | 3.6 | Sqm |

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| 18 | Concrete (AR0317) :.2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips - 2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips including hoisting and laying in position compacting and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&P required for the work etc. complete as per specificaion and direction of Engineer-in charge. (new work) | - | 59.7025 | Sqm |
| i) | BRM340 : Cement | 0.1208 | 7.212062 | 1 Qntl. |
| ii) | BRM028 : Screened and washed sharp sand for mortar | 0.0169 | 1.00897225 | 1 Cum |
| iii) | BRM064 : Granite stone broken chips of 4.7 mm size passing through 6.7 mm sieve (crusher broken.) and retained on 2.36 mm sieve. | 0.0169 | 1.00897225 | 1 Cum. |
| 19 | Painting(AR0901d) :.Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces (Inner surface) - Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge. | - | 110.865 | Sqm |
| i) | BRM253 : Wall cement primer (I.S.I.) Water bound | 0.084 | 9.31266 | 1 Ltr |

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| 20 | <p>Painting(AR0918c) :.Finishing wall with two coat water proofing cement paint including one coat cement wash on the outer surface of approved shade on new work (Outside) - Finishing wall with two coat water proofing cement paint including one coat cement wash on the outer surface of approved shade on new work to give an even shade including all costs of labour, Paint, Brushes, and putty required for the work, etc. complete and as per direction of Engineer-in-charge. (Outside)</p> | - | 88.53 | Sqm |
| i) | BRM143 : Cement paint | 0.25 | 22.1325 | 1 Kg. |
| ii) | BRM340 : Cement | 0.010763440860215 | 0.95288741935484 | 1 Qntl. |
| 21 | <p>Masonry Brick Work (AR0603bi) :.Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure - Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure having crushing strength not less than 75.00 Kg/cm² with dimensional tolerance ±8 percent immersing the bricks in water not less than six hours with cost conveyance, royalty, taxes of all materials, labor, and T&P required for the work, etc. complete and as per direction of Engineer-in-charge.</p> | - | 25.060425 | Cum |
| i) | BRM340 : Cement | 0.672 | 16.8406056 | 1 Qntl. |
| ii) | BRM028 : Screened and washed sharp sand for mortar | 0.28 | 7.016919 | 1 Cum |

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| iii) | BRM005 : Fly ash bricks of 25 Cm. x 12 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm ² with dimensional tolerance \pm 2 % | 350 | 8771.14875 | 1000 Nos |
| 22 | Painting(AR0920) :.Finishing wall two coats with plastic emulsion paint of approved shades on new work (Inside) - Finishing wall two coats with plastic emulsion paint of approved shades on new work to give an even shade including all costs of labor, Paint and Brushes required for the work, etc. complete and as per direction of the Engineer-in-charge.(Inside) | - | 94.545 | Sqm |
| i) | BRM140 : Plastic Emulsion paint | 0.125 | 11.818125 | 1 Litre |
| 23 | Other Building Items. (AR1909) :.Al. door with OEL anodized Al. door section of 9202 as vertical member - Providing fitting, fixing of Al. door with OEL anodized Al. door section of 9202 as vertical member, 9201 as top member and 9200 as bottom and middle member and 12mm thick pre-laminated board fixed on door frame by means of tapered clip No. 4660 and the frame to be completed by means of jointing angle No.1855 including all cost of labour, T&P , hire charges of drilling machine, labour charges etc. complete. and as per direction of Engineer in Charge | - | 7.5 | Sqm |

| S/N | Material Name | Qty | Unit | Royalty Rate | Amount |
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| 1 | BRM029 | 22.63725 | 1 Cum | 45.5 | 1029.994875 |
| 2 | BRM028 | 36.08095915 | 1 Cum | 45.5 | 1641.683641325 |
| 3 | BRM044 | 7.6356 | 1 Cum. | 202.5 | 1546.209 |
| 4 | BRM034 | 23.94081 | 1 Cum. | 202.5 | 4848.014025 |

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| 5 | BRM060 | 7.138773 | 1 Cum. | 202.5 | 1445.6015325 |
| 6 | BRM052 | 10.7081595 | 1 Cum. | 202.5 | 2168.40229875 |
| 7 | BRM056 | 2.95596 | 1 Cum. | 202.5 | 598.5819 |
| 8 | BRM064 | 1.00897225 | 1 Cum. | 202.5 | 204.316880625 |
| 9 | BRM005 | 8771.14875 | 1000 Nos | 0.0455 | 399.087268125 |
| | | | | | Total: 13881.891421325 |