Lot #1

Masjed Jami Omarefarooq

L = 2200m
L = 1080m
L = 893m
L = 230m
L = 210m
L = 335m
L = 1135m
L = 487m
L = 235m
L = 172
L = 245
L = 258
Existing sub grade to be scarified at 20cm, reshaped and compacted 93% of MDD before placing the top layer.

**Section Road 1**
*L=2.2km W=7m*

15cm Gravel surface with 98% Compacting

**Section Road 2,3**
*L=1080m W=9m*

15cm Gravel surface with 98% Compacting

Existing Earthen ditch

Existing sub grade to be scarified at 20cm, reshaped and compacted 93% of MDD before placing the top layer.
Existing sub grade to be scarified at 20cm, reshaped and compacted 93% of MDD Before, placing the top layer.

Section Road 4 L=893m W=5.5m

Existing sub grade to be scarified at 20cm, reshaped and compacted 93% of MDD Before, placing the top layer.

Section Road 5 L=8,931m W=7m

Existing sub grade to be scarified at 20cm, reshaped and compacted 93% of MDD Before, placing the top layer.
Existing sub-grade to be scarified at 20cm, reshaped and compacted 93% of MDD before placing the top layer.

Section Road 6, L=335m W=7m

15cm Gravel surface with 98% Compacting

Section Road 7, L=487m W=7m

Existing Earthen ditch

Section Road 8, L=1,135m W=7m

Existing sub-grade to be scarified at 20cm, reshaped and compacted 93% of MDD before placing the top layer.
Schedule of Nasrat Abad and Intezar graveling Road Project, Mazar city

<table>
<thead>
<tr>
<th>No</th>
<th>Description</th>
<th>Unit</th>
<th>Quantity</th>
<th>Norm</th>
<th>Number of worker</th>
<th>Day</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Mobilization of site for the cost of establishing plant, equipments, facilities and personnel</td>
<td>1 LS</td>
<td>4,224</td>
<td>9</td>
<td>5</td>
<td>9x5</td>
</tr>
<tr>
<td>2</td>
<td>The excavation of earthworks material or Canal lining according to specification</td>
<td>m³</td>
<td>4,224</td>
<td>0.8</td>
<td>59</td>
<td>59x57</td>
</tr>
<tr>
<td>3</td>
<td>Leveling and Stone pitching under the box with stone masonry for culverts according to specifications</td>
<td>m³</td>
<td>108.5</td>
<td>1.0/0.3</td>
<td>20</td>
<td>20x10</td>
</tr>
<tr>
<td>4</td>
<td>Stone masonry culvert wall mortar liming 1:3 as per relevant drawings</td>
<td>m³</td>
<td>217</td>
<td>5/25</td>
<td>8</td>
<td>8x5</td>
</tr>
<tr>
<td>5</td>
<td>PCC M200, for Culverts bed including shaping to project site laying, testing ...</td>
<td>m³</td>
<td>10.9</td>
<td>3.25/0.2</td>
<td>8</td>
<td>8x5</td>
</tr>
<tr>
<td>6</td>
<td>RCC slab Culvert with its shuttering, Supply &amp; placing of the reinforcement including all material accordance with the specifications</td>
<td>m³</td>
<td>32.6</td>
<td>3.6/0.5</td>
<td>14</td>
<td>14x10</td>
</tr>
<tr>
<td>7</td>
<td>Sub-grad: aggregate and sand in accordance with the Specifications</td>
<td>m³</td>
<td>131,941</td>
<td>0.02</td>
<td>52</td>
<td>52x50</td>
</tr>
<tr>
<td>8</td>
<td>Graveling Surface material measured in the final position after compaction to the specified density with 98% compacting</td>
<td>m³</td>
<td>17,395</td>
<td>0.1</td>
<td>43</td>
<td>43x40</td>
</tr>
<tr>
<td>9</td>
<td>Installation of sign board, Demobilization &amp; Submission</td>
<td>1 LS</td>
<td>4</td>
<td>5</td>
<td></td>
<td>5x5</td>
</tr>
</tbody>
</table>

\[
N = 45 + 3363 + 200 + 40 + 140 + 2600 + 1720 + 20 \\
N = 8,190 M \\
n = 130 D \\
P = 13(10D) \\
\text{63 M/D} \times (13 D) = 819 M
\]
Box Culvert Detail, N=36 Lot #1,2

Rcc Slab Detail

15cm Gravel surface with 98% Compacting
Stone masonry H=50cm
Natural Soil

Existing sub grade to be scarified at 20cm, reshaped and compacted 93% of MDD Before, placing the top layer.
Section Road 6, L=335m, W=7m

15cm Gravel surface with 98% Compacting

Existing sub grade to be scarified at 20cm, reshaped and compacted 93% of MDD Before, placing the top layer

Detile (G)

Detile (I)
Lot #2

L = 353.5m

L = 200m

Culvert

Culvert

Culvert

Culvert

36.67521617472906, 67.07890079497386
Existing sub grade to be scarified at 20cm, reshaped and compacted 93% of MDD, before placing the top layer.

Section Road A, L=353m, W=6m

Section Road B, L=200m, W=6m
### Schedule of Ferdawsi graveling Road Project, Mazar city

<table>
<thead>
<tr>
<th>No</th>
<th>Description</th>
<th>Unit</th>
<th>Quantity</th>
<th>Norm</th>
<th>Number of worker</th>
<th>Day</th>
<th>1st-month</th>
<th>2nd-month</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Mobilization of site for the cost of establishing plant, equipments, facilities and personnel</td>
<td>LS</td>
<td>1</td>
<td>1</td>
<td>5</td>
<td>1x5</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>2</td>
<td>The excavation of earthworks material or Canal lining according to specification</td>
<td>m</td>
<td>2306</td>
<td>0.45</td>
<td>17</td>
<td>15</td>
<td>17x15</td>
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</tr>
<tr>
<td>3</td>
<td>Leveling and Stone pitching under the box with stone masonry for culverts according to specifications</td>
<td>m³</td>
<td>17.5</td>
<td>1.0/0.3</td>
<td>5</td>
<td>5</td>
<td>5x5</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Stone masonry culvert wall mortar liming 1:3 as per relevant drawings</td>
<td>m³</td>
<td>35</td>
<td>5/25</td>
<td>7</td>
<td>5</td>
<td>3x5</td>
<td></td>
</tr>
<tr>
<td></td>
<td>PCC M200, for Culverts bed including shaping to project site laying, testing ...</td>
<td>m³</td>
<td>1.8</td>
<td>3.25/0.2</td>
<td>3</td>
<td>1</td>
<td>3x1</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>RCC slab Culvert with its shuttering, Supply &amp; placing of the reinforcement including all material accordance with the specifications</td>
<td>m³</td>
<td>5.3</td>
<td>3.6/0.05</td>
<td>2</td>
<td>4</td>
<td>2x4</td>
<td></td>
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<tr>
<td>5</td>
<td>Sub-grad: aggregate and sand in accordance with the Specifications</td>
<td>m³</td>
<td>9672</td>
<td>0.02</td>
<td>12</td>
<td>14</td>
<td>12x14</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Graveling Surface material measured in the final position after compaction to the specified density with 98% compacting</td>
<td>m³</td>
<td>1990.8</td>
<td>0.1</td>
<td>11</td>
<td>10</td>
<td>11x10</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Installation of sign board, Demobilization &amp; Submission</td>
<td>LS</td>
<td>2</td>
<td>2</td>
<td>5</td>
<td>5</td>
<td>5x5</td>
<td></td>
</tr>
</tbody>
</table>

\[
N = 5 + 260 + 25 + 35 + 3 + 8 + 168 + 120 + 5
\]
\[
N = 600 \text{ M} \quad \frac{600 \text{ M}}{60 \text{ D}} = 10 \text{ M/D}
\]
\[
n = 60 \text{ D} \quad \frac{60 \text{ D}}{10 \text{D}} = 10 \text{ M/D} \times (6\text{D}) = 60 \text{ M}
\]

\[
P = 6(10\text{D}) \quad 10 \text{ M/D} \times (6\text{D}) = 60 \text{ M}
\]