

**SCHEDULE**

SI No.	Item with Specification	Unit	Rate Exclusive of Taxes (in Rs.)	Rate Inclusive of Taxes (in Rs.) (Calculation of tax must be specified)
1.	<p>Supply of Geo-textile bags of type-A (1.03X0.70M) inner to inner made of Geo-textile non-woven fabric sheets of 400 GSM manufactured from 100% virgin Polypropylene (PP) fibre with minimum properties as per <b>IS 16653 : 2017</b></p> <p>(i) Wide Tensile strength(MD) <math>\geq 20\text{KN/m}</math> &amp; Wide Tensile strength(CD) <math>\geq 20\text{ KN/m}</math></p> <p>(ii) Elongation (MD) <math>\geq 50\%</math> &amp; Elongation (CD) <math>\geq 50\%</math></p> <p>(iii) Abrasion <math>\geq 95\%</math></p> <p>(iv) Trapezoidal Tear Strength (MD) <math>\geq 450\text{N}</math> &amp; Trapezoidal Tear Strength (CD) <math>\geq 450\text{N}</math></p> <p>(v) CBR Puncture strength <math>\geq 4000\text{N}</math></p> <p>(vi) Permittivity <math>\geq 1.10\text{s}^{-1}</math></p> <p>(vii) Permeability <math>\geq 40\text{l/m}^2/\text{sec}</math></p> <p>(viii) AOS <math>\leq 75\text{micron}</math></p> <p>(ix) UV Resistance @ 500 hours retained Tensile strength (MD) &amp; (CD) <math>\geq 80\%</math></p> <p>(x) Mass <math>\geq 400\text{ gm/m}^2</math></p> <p>(xi) Thickness at 2 KPa <math>\geq 3\text{ mm}</math></p> <p>(xii) Seam strength <math>\geq 80\%</math> of actual fabric strength.</p> <p><i>Stitching of Bags should be Ring Spun Yarn stitches with 2500-3000 denier double line chain stitch with overlap with stitches along the edge @ minimum 15 stitches per 100mm. (Bags are to be supplied of 100 numbers in a bundle, properly packed with each bag having proper tag with name of Manufacturer, Batch Number, the GSM and type of polymer encrypted and stitched on top corner and each bag is to be marked with "WRD Govt of ASSAM" to be printed distinctly. Test Certificate from approved NABL accredited and ISO (Certified Laboratory should invariably be submitted against each batch of material)</i></p>	Each		
2.	<p>Supply of Geo-textile bags of type-A (1.03X0.70M) inner to inner made of Geo-textile non-woven fabric sheets of 300 GSM manufactured from 100% virgin Polypropylene (PP) fibre with minimum properties as per <b>IS 16653 : 2017</b></p> <p>(i) Wide Tensile strength(MD) <math>\geq 15\text{KN/m}</math> &amp; Wide Tensile strength (CD) <math>\geq 15\text{KN/m}</math></p> <p>(ii) Elongation (MD) <math>\geq 50\%</math> &amp; Elongation (CD) <math>\geq 50\%</math></p> <p>(iii) Abrasion <math>\geq 95\%</math></p> <p>(iv) Trapezoidal Tear Strength (MD) <math>\geq 340\text{N}</math> &amp; Trapezoidal Tear Strength (CD) <math>\geq 340\text{N}</math></p> <p>(v) CBR Puncture strength <math>\geq 3000\text{N}</math></p> <p>(vi) Permittivity <math>\geq 1.25\text{s}^{-1}</math></p> <p>(vii) Permeability <math>\geq 60\text{l/m}^2/\text{sec}</math></p> <p>(viii) AOS <math>\leq 75\text{micron}</math></p> <p>(ix) UV Resistance @ 500 hours retained Tensile strength (MD) &amp; (CD) <math>\geq 80\%</math></p> <p>(x) Mass <math>\geq 300\text{ gm/m}^2</math></p> <p>(xi) Thickness at 2 KPa <math>\geq 3\text{ mm}</math></p> <p>(xii) Seam strength <math>\geq 80\%</math> of actual fabric strength.</p> <p><i>Stitching of Bags should be Ring Spun Yarn stitches with 2500-3000 denier double line chain stitch with overlap with stitches along the edge @ minimum 15 stitches per 100 mm. (Bags are to be supplied of 100 numbers in a bundle, properly packed with each bag having proper tag with name of Manufacturer, Batch Number, the GSM and type of polymer encrypted and stitched on top corner and each bag is to be marked with "WRD Govt of ASSAM" to be printed distinctly. Test Certificate from approved NABL accredited and ISO Certified Laboratory should invariably be submitted against each batch of material).</i></p>	Each		

Sl No.	Item with Specification	Unit	Rate Exclusive of Taxes (in Rs.)	Rate Inclusive of Taxes (in Rs.) (Calculation of tax must be specified)
3.	<p>Supply of Geo Bags Type-B (Size 2.00m x 1.50m inner to inner) (Pillow Type) made of composite layers of Polypropylene (PP) fibre as per <b>IS 16653 : 2017 for Nonwoven and IS 16654 : 2017 for Woven.</b></p> <p><b>Woven Geo-textile for the outer cover (300gsm):</b> The woven geo textile is woven with multifilament woven fabric manufactured from ultra violet stabilized polypropylene. Geo-textile used to manufacture geo-textile bags should have high mechanical properties for enhanced durability along with enhanced puncture, abrasion and U.V. resistance characteristics. Geo-textile should be inert to biological degradation and resistant to naturally encountered chemicals, alkalis, and acids.</p> <p><b>Properties</b></p> <ul style="list-style-type: none"> <li>(i) Tensile strength (MD) <math>\geq 80</math> KN/m &amp; Tensile strength (CD) <math>\geq 70</math> KN/m</li> <li>(ii) Elongation (MD) <math>\leq 25\%</math> &amp; Elongation (CD) <math>\leq 25\%</math></li> <li>(iii) Abrasion <math>\geq 75\%</math></li> <li>(iv) Trapezoidal Tear Strength (MD) <math>\geq 1500</math>N &amp; Trapezoidal Tear Strength (CD) <math>\geq 1300</math>N</li> <li>(v) CBR Puncture strength <math>\geq 900</math>N</li> <li>(vi) Permeability <math>\geq 18</math> l/m<sup>2</sup>/sec</li> <li>(vii) AOS <math>\leq 250</math> micron</li> <li>(viii) UV Resistance @500 hours retained Tensile strength (MD) &amp; (CD) <math>\geq 80\%</math></li> <li>(ix) Mass <math>\geq 300</math> gm/m<sup>2</sup></li> <li>(x) Seam strength <math>\geq 50\%</math> of actual fabric strength.</li> </ul> <p><b>Non-Woven Geo-textile for the inner layer (300gsm):</b> It is needle punched non-woven geo-textile made of 100% polypropylene staple fibres which are formed into a random network for dimensional stability. It should resist UV degradation, rotting and alkalis.</p> <p><b>Properties</b></p> <ul style="list-style-type: none"> <li>(i) Wide Tensile strength (MD) <math>\geq 15</math> KN/m &amp; Wide Tensile strength (CD) <math>\geq 15</math> KN/m</li> <li>(ii) Elongation (MD) <math>\geq 50\%</math> &amp; Elongation (CD) <math>\geq 50\%</math></li> <li>(iii) Abrasion <math>\geq 95\%</math></li> <li>(iv) Trapezoidal Tear Strength (MD) <math>\geq 340</math> N &amp; Trapezoidal Tear Strength (CD) <math>\geq 340</math> N</li> <li>(v) CBR Puncture strength <math>\geq 3000</math> N</li> <li>(vi) Permittivity <math>\geq 1.25</math> s-1</li> <li>(vii) Permeability <math>\geq 60</math> l/m<sup>2</sup>/sec</li> <li>(viii) AOS <math>\leq 75</math> micron</li> <li>(ix) UV Resistance @ 500 hours retained Tensile strength (MD) &amp; (CD) <math>\geq 80\%</math></li> <li>(x) Mass <math>\geq 300</math> gm/m<sup>2</sup></li> <li>(xi) Thickness at 2 KPa <math>\geq 3</math> mm</li> <li>(xii) Seam strength <math>\geq 80\%</math> of actual fabric strength.</li> </ul> <p><i>Stitching of Bags should be Ring Spun Yarn stitches with 2500-3000 denier double line chain stitch with overlap with stitches along the edge. (Bags are to be supplied of 15 numbers in a bundle, properly packed with each bag having proper tag with name of Manufacturer, Batch Number, the GSM and type of polymer encrypted and stitched on top corner and each bag is to be marked with "WRD Govt of ASSAM" to be printed distinctly. Test Certificate from approved NABL accredited and ISO Certified Laboratory should invariably be submitted against each batch of material)</i></p>	Each		
4.	Supply of Geo-textile Bags Pillow Type of Size 1.20m x 1.00m, inner dimension made of composite layers of geo-textile as per specifications below:	Each		

Sl No.	Item with Specification	Unit	Rate Exclusive of Taxes (in Rs.)	Rate Inclusive of Taxes (in Rs.) (Calculation of tax must be specified)
	<p><b>"Woven Geo-textile for the outer cover.</b> The woven geo textile is woven with UV resistant slit film tape fibre with MAVR values of the following properties. Geo-textile used to manufacture geo-textile bags should have high mechanical properties for enhanced durability along with enhanced puncture, abrasion and U.V. resistance characteristics. Geo-textile should be inert to biological degradation and resistant to naturally encountered chemicals, alkalis, and acids.</p> <ul style="list-style-type: none"> <li>□ Weight (ISO-9864/ASTMD 5261) ≥250 Gms/Sqm.</li> <li>□ Tensile strength(MD) (ASTMD 4595) ≥35 kN/m</li> <li>□ Tensile strength(CD) (ASTMD 4595) ≥35 kN/m</li> <li>□ Tensile Elongation (ASTMD 4595) ≥5% &amp; ≤30%</li> <li>□ Grab Elongation (ASTMD 4632) ≥5% &amp; ≤30%</li> <li>□ Tensile strength (ASTMD 4632) = 1.5 KN</li> <li>□ UV resistance( ASTMD 4355) = 70%/500 hrs</li> </ul> <p><b>Non woven Geo-textile for the inner layer.</b> It is needle punched non woven geo-textile made of 100% polypropylene staple fibers which are formed into a random network for dimensional stability. It should resist UV degradation, rotting and alkalis.</p> <ul style="list-style-type: none"> <li>□ Weight (ISO-9864/ASTMD 5261) ≥300 Gms/Sqm.</li> <li>□ Tensile strength(MD) (ASTMD 4595) ≥12 kN/m</li> <li>□ Tensile strength(CD) (ASTMD 4595) ≥12 kN/m</li> <li>□ Tensile Elongation (ASTMD 4595) ≥5% &amp; ≤30%</li> <li>□ Grab Elongation (ASTMD 4632) ≥5% &amp; ≤30%</li> <li>□ Tensile strength (ASTMD 4632) = 1.5 KN</li> <li>□ UV resistance( ASTMD 4355) = 70%/500 hrs</li> </ul> <p>(Bags are to be supplied of 100 numbers or part in a bundle, properly packed with name of Manufacturer and Batch Number is to be marked on each bag with "WRD Govt of ASSAM" to be printed on each bag and mentioning properly the GSM and type of Geo bag polymer. Test Certificate from approved NABL accredited and ISO Certified Laboratory should invariably be submitted against each batch of material)</p>			
5.	<p>Supply of non-woven Geo-textile fabric sheets of 300 GSM manufactured from 100% virgin Polypropylene (PP) fibre with minimum properties as per <b>IS 16653: 2017</b></p> <ul style="list-style-type: none"> <li>(i) Wide Tensile strength (MD) ≥15KN/m &amp; Wide Tensile strength (CD) ≥15KN/m</li> <li>(ii) Elongation (MD) ≥50% &amp; Elongation (CD) ≥50%</li> <li>(iii) Abrasion ≥95%</li> <li>(iv) Trapezoidal Tear Strength (MD) ≥340 N &amp; Trapezoidal Tear Strength (CD) ≥340 N</li> <li>(v) CBR Puncture strength ≥3000 N</li> <li>(vi) Permittivity ≥1.25 s-1</li> <li>(vii) Permeability ≥60l/m2/sec</li> <li>(viii) AOS ≤75micron</li> <li>(ix) UV Resistance @500 hours retained Tensile strength (MD) &amp; (CD) ≥80%</li> <li>(x) Mass ≥ 300gm/m<sup>2</sup></li> <li>(xi) Thickness at 2KPa ≥3mm.</li> </ul> <p><i>(Each Roll of Geo Fabric Sheet should be supplied in properly packed Bundles and should be marked with the Name of Manufacturer, Batch Number &amp; its dimensions clearly on each roll with "WRD Govt of ASSAM" to be printed on it and mentioning properly the GSM and type of polymer and Test Certificate from approved NABL accredited and ISO Certified Laboratory should invariably be submitted against each batch of material).</i></p>	Sqm		
6.	Supply of G-Mat in double layered composite Geo-textile fabricated to form a three dimensional mattresses , the upper layer of the mattress being	Sqm		

Sl No.	Item with Specification	Unit	Rate Exclusive of Taxes (in Rs.)	Rate Inclusive of Taxes (in Rs.) (Calculation of tax must be specified)
	<p>heavily woven with polypropylene fabric needle-punched with a mixture of U.V. stabilized green fibres and cut tape yarns with</p> <p><b>Upper Layer Properties as</b></p> <ol style="list-style-type: none"> <li>1) Mass per unit area &gt; 650 GSM,</li> <li>2) Tensile Strength (MD) ≥ 70kN/m,</li> <li>3) Tensile Strength (CD) ≥ 70kN/m</li> <li>4) Tensile Elongation (MD) ≤ 25%,</li> <li>5) Tensile Elongation (CD) ≤ 25%, 6) Pore Size &lt; 0.35 mm,</li> <li>7) Abrasion Resistance ≥ 35 %,</li> <li>8) UV @ 500 hours ≥ 90%</li> <li>9) Resistance to Oxidation @ 100°C for 28 days) ≥ 80%</li> </ol> <p><b>and Lower Layer Properties as</b></p> <ol style="list-style-type: none"> <li>1) Mass per unit area &gt; 400 GSM,</li> <li>2) Tensile Strength (MD) ≥ 110kN/m,</li> <li>3) Tensile Strength (CD) ≥ 90kN/m</li> <li>4) Tensile Elongation (MD) ≤ 25%,</li> <li>5) Tensile Elongation(CD) ≤ 25%,</li> <li>6) Pore Size &lt; 0.35mm,</li> <li>7) Abrasion Resistance ≥ 60 %,</li> <li>8) UV @ 500 hours ≥ 90%</li> <li>9) Resistance to Oxidation @ 100°C for 28 days) ≥ 80% .</li> </ol> <p>The sewing thread should be of high tenacity polyester and parallel stitches are to be continued positioned at 350 mm apart with a stitch length not exceeding 5 mm.</p> <p><i>(Each roll of G-Mat should be supplied in properly packed bundle and should be marked with the Name of Manufacturer &amp; Batch Number &amp; its dimensions clearly on each roll with "WRD Govt of ASSAM" to be printed on it and mentioning properly the GSM( for both upper and lower layer) and types of polymer( for both upper and lower layer) and Test Certificate from approved NABL accredited and ISO Certified Laboratory should invariably be submitted against each batch of material)</i></p> <p><b>(inclusive of Custom Duty)</b></p>			
7.	<p>Supply of G-Mat in double layered composite Geotextile fabricated to form a three dimensional mattresses , the upper layer of the mattress being heavily woven with polypropylene fabric needle-punched with a mixture of U.V. stabilized green fibres and cut tape yarns with</p> <p><b>Upper Layer Properties as</b></p> <ol style="list-style-type: none"> <li>1) Mass per unit area &gt; 650 GSM,</li> <li>2) Tensile Strength (MD) ≥ 70kN/m,</li> <li>3) Tensile Strength (CD) ≥ 70kN/m</li> <li>4) Tensile Elongation (MD) ≤ 25%,</li> <li>5) Tensile Elongation (CD) ≤ 25%, 6) Pore Size &lt; 0.35 mm,</li> <li>7) Abrasion Resistance ≥ 35 %,</li> <li>8) UV @ 500 hours ≥ 90%</li> <li>9) Resistance to Oxidation @ 100°C for 28 days) ≥ 80%</li> </ol> <p><b>and Lower Layer Properties as</b></p> <ol style="list-style-type: none"> <li>1) Mass per unit area &gt; 400 GSM,</li> <li>2) Tensile Strength (MD) ≥ 110kN/m,</li> <li>3) Tensile Strength (CD) ≥ 90kN/m</li> <li>4) Tensile Elongation (MD) ≤ 25%,</li> <li>5) Tensile Elongation(CD) ≤ 25%,</li> <li>6) Pore Size &lt; 0.35mm,</li> <li>7) Abrasion Resistance ≥ 60 %,</li> <li>8) UV @ 500 hours ≥ 90%</li> <li>9) Resistance to Oxidation @ 100°C for 28 days) ≥ 80% .</li> </ol> <p>The sewing thread should be of high tenacity polyester and parallel stitches are to be</p>	Sqm		

SI No.	Item with Specification	Unit	Rate Exclusive of Taxes (in Rs.)	Rate Inclusive of Taxes (in Rs.) (Calculation of tax must be specified)
	continued positioned at 350 mm apart with a stitch length not exceeding 5 mm. <i>(Each roll of G-Mat should be supplied in properly packed bundle and should be marked with the Name of Manufacturer &amp; Batch Number &amp; its dimensions clearly on each roll with "WRD Govt of ASSAM" to be printed on it and mentioning properly the GSM( for both upper and lower layer) and types of polymer( for both upper and lower layer) and Test Certificate from approved NABL accredited and ISO Certified Laboratory should invariably be submitted against each batch of material)</i> <b>Without Custom duty</b>			
8.	Supply of geo-textile Tube (Mega containers) of fill height of 2.5m and 25m length made of geo-textile with minimum properties as mentioned below. i) Tensile strength of geo-textile materials > 200KN/m in both directions for woven geo-textiles ii) O95 (pore size) of the geo-textile materials <180microns. iii) Seam strength >70% of the material tensile strength. iv) Elongation of the material at the ultimate tensile strength should not be more than 20% v) CBR Brust Strength >10.5 vi) Abrasion resistance (BAW Rotating Drum) >75% of strength retained. vii) UV Resistance (ASTMD4355-500Hrs) >80% of strength retained. viii) The geo-textile mega containers must resist the pressure created by stacking the tubes in3:2:1 manner.	Each		
9.	Supply of woven Geo-textile Tube (Mega containers) of filled height 0.9m made of geo-textile with minimum properties as mentioned below i) Tensile strength of geo-textile materials >65KN/m in both directions ii) O95 (Pore size) of the geo-textile materials < 180 microns, iii) Seam strength > 70% of the materials tensile strength, iv) Elongation of the material at the ultimate tensile strength should not be 65% for v) CBR Brust strength > 10.5, vi) Abrasion resistance (BAW Rotating Drum) > 75% of strength retained, vii) UV Resistance (ASTMD 4355-500 Hrs) > 80% of strength retained. (Including all taxes) (a) 10m Length	Each		
10.	Supply of geo-textile Tube (Mega containers) with minimum properties as mentioned below <ul style="list-style-type: none"> <li>• Polymer = PP</li> <li>• Tube Circumference= 4.3 / 8.6 / 12.9 / 14.2 / 16 / 17.2 / 21.6 +5% (m)</li> <li>• Fill Port (diameter)= 30 to 45 CM</li> <li>• Tensile Strength (MD) ≥175 KN/m</li> <li>• Tensile Strength (CD) ≥175 KN/m</li> <li>• Elongation – MD ≤ 25%</li> <li>• AOS ≤ 0.180 mm</li> <li>• Permittivity ≥ 0.40 S-1</li> </ul> Length =10/15/20/25/30 m			
10.1.	<b>Tube Circumference = 4.3 (m)</b>			
10.1.a	Length =10m	Each		
10.1.b	Length=15m	Each		
10.1.c	Length =20m	Each		
10.1.d	Length =25m	Each		
10.1.e	Length =30m	Each		
10.2.	<b>Tube Circumference = 8.6 (m)</b>			
10.2.a	Length =10m	Each		
10.2.b	Length =15m	Each		

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10.2.c	Length =20m	Each		
10.2.d	Length =25m	Each		
10.2.e	Length =30m	Each		
10.3.	<b>Tube Circumference = 12.9(m)</b>			
10.3.a	Length=10m	Each		
10.3.b	Length =15m	Each		
10.3.c	Length =20m	Each		
10.3.d	Length =25m	Each		
10.3.e	Length =30m	Each		
10.4.	<b>Tube Circumference = 14.2(m)</b>			
10.4.a	Length =10m	Each		
10.4.b	Length =15m	Each		
10.4.c	Length =20m	Each		
10.4.d	Length =25m	Each		
10.4.e	Length =30m	Each		
10.5.	<b>Tube Circumference = 16.0(m)</b>			
10.5.a	Length =10m	Each		
10.5.b	Length =15m	Each		
10.5.c	Length =20m	Each		
10.5.d	Length =25m	Each		
10.5.e	Length =30m	Each		
11.	Supply of geo-textile Tube (Mega containers) with minimum properties as mentioned below <ul style="list-style-type: none"> <li>• Polymer = PP</li> <li>• Tube Circumference= 4.3/8.6/12.9/14.2/16/17.2/21.6 +5% (m)</li> <li>• Fill Port (diameter)= 30 to 45 CM</li> <li>• Tensile Strength (MD) ≥ 100 KN/m</li> <li>• Tensile Strength (CD) ≥ 100 KN/m</li> <li>• Elongation – MD ≤ 25%</li> <li>• AOS ≤ 0.180 mm</li> <li>• Permittivity ≥ 0.40 S-1</li> <li>• Length =10/15/20/25/30 m</li> </ul>			
11.1.	<b>Tube Circumference = 4.3 (m)</b>			
11.1.a	Length =10m	Each		
11.1.b	Length =15m	Each		
11.1.c	Length =20m	Each		
11.1.d	Length =25m	Each		
11.1.e	Length =30m	Each		
11.2.	<b>Tube Circumference = 8.6 (m)</b>			
11.2.a	Length =10m	Each		
11.2.b	Length =15m	Each		
11.2.c	Length =20m	Each		
11.2.d	Length =25m	Each		
11.2.e	Length =30m	Each		
11.3.	<b>Tube Circumference = 12.9(m)</b>			
11.3.a	Length =10m	Each		
11.3.b	Length =15m	Each		
11.3.c	Length =20m	Each		
11.3.d	Length =25m	Each		
11.3.e	Length =30m	Each		
11.4.	<b>Tube Circumference = 14.2(m)</b>			
11.4.a	Length =10m	Each		
11.4.b	Length =15m	Each		
11.4.c	Length =20m	Each		
11.4.d	Length =25m	Each		
11.4.e	Length =30m	Each		
11.5.	<b>Tube Circumference = 16.0(m)</b>			
11.5.a	Length =10m	Each		
11.5.b	Length =15m	Each		
11.5.c	Length =20m	Each		
11.5.d	Length =25m	Each		
11.5.e	Length =30m	Each		
12.	Supply of geo-textile Tube (Mega containers) with minimum properties as mentioned below <ul style="list-style-type: none"> <li>• Polymer = Polyester</li> <li>• Tube Circumference= 4.3/8.6/12.9/14.2/16/17.2/21.6 +5% (m)</li> <li>• Fill Port (diameter)= 30 to 45 CM</li> <li>• Tensile Strength (MD) ≥175 KN/m</li> <li>• Tensile Strength (CD) ≥175 KN/m</li> <li>• Elongation – MD ≤ 15%</li> </ul>			

SI No.	Item with Specification	Unit	Rate Exclusive of Taxes (in Rs.)	Rate Inclusive of Taxes (in Rs.) (Calculation of tax must be specified)
	<ul style="list-style-type: none"> <li>AOS ≤ 0.25mm</li> <li>Permeability ≥ 3x10<sup>-3</sup> m/s</li> <li>Length =10/15/20/25/30 m</li> </ul>			
12.1.	<b>Tube Circumference = 4.3 (m)</b>			
12.1.a	Length =10m	Each		
12.1.b	Length =15m	Each		
12.1.c	Length =20m	Each		
12.1.d	Length =25m	Each		
12.1.e	Length =30m	Each		
12.2.	<b>Tube Circumference = 8.6 (m)</b>			
12.2.a	Length =10m	Each		
12.2.b	Length =15m	Each		
12.2.c	Length =20m	Each		
12.2.d	Length =25m	Each		
12.2.e	Length =30m	Each		
12.3.	<b>Tube Circumference = 12.9(m)</b>			
12.3.a	Length =10m	Each		
12.3.b	Length =15m	Each		
12.3.c	Length =20m	Each		
12.3.d	Length =25m	Each		
12.3.e	Length =30m	Each		
12.4.	<b>Tube Circumference = 14.2(m)</b>			
12.4.a	Length =10m	Each		
12.4.b	Length =15m	Each		
12.4.c	Length =20m	Each		
12.4.d	Length =25m	Each		
12.4.e	Length =30m	Each		
12.5.	<b>Tube Circumference = 16.0(m)</b>			
12.5.a	Length =10m	Each		
12.5.b	Length =15m	Each		
12.5.c	Length =20m	Each		
12.5.d	Length =25m	Each		
12.5.e	Length =30m	Each		
13.	Supply of Rope Polypropylene (PP) Gabion of size 2m x 2m x 0.45 m having the following properties (i) Mesh opening size 150mmx150mm (ii) Rope Diameter of 9.0mm (iii) Linear Density of rope ≥ 65.1gm/m (iv) Tensile Strength ≥ 1900kg (v) Abrasion Resistance of rope after 1000 cycles ≥65% (vi) CBR Puncture Strength ≥ 7000kg.	Each		
14.	Construction and supply of Wire -netting box of size 1.50 m X1.50 m X 0.45 m made with mechanically woven, double twisted, hexagonal shaped wire mesh with wire made of low carbon, high ductile MS wire with heavy class of galvanization with an additional layer of PVC coating with mesh type of 10 X 12 as per EN 10223 & ASTM A975, mesh wire of 2.70 mm (I.D) /3.70 mm (OD) tensile strength of 450-500/mm <sup>2</sup> , edge wire slevdge around it at least 2.5 times, lacing wire (zinc PVC coated ) of 2.20mm (I.D) /3.20mm (OD), VC coating thickness of 0.50mm nominal, 0.38 mm minimum, Mesh opening size 150mmx150mm and with average weight per unit being 12 kg with additional 3% of the weight of box for lacing wire supplied separately, supporting the facing of the box with zinc coated steel wire of required length as directed, complying with ASTM and European norms.	Nos.		

## Quotationer or Authorized Repetitive must signature in all pages of the schedule.

## Rates should be quoted For Guwahati.