OFFICE MEMORANDUM


I am directed to convey the approval of competent authority for issuing of the benchmark costs for Off-grid Solar PV Systems and Grid Connected Rooftop Solar Power Plants for the Year 2018-19. System-wise benchmark costs are as under:

(i) Solar Pumps

<table>
<thead>
<tr>
<th>Pump Capacity (HP)</th>
<th>Benchmark Costs (Rs./HP)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>General Category States</td>
</tr>
<tr>
<td>Up to 3 HP DC</td>
<td>85000</td>
</tr>
<tr>
<td>&gt; 3 HP - 5 HP DC</td>
<td>77000</td>
</tr>
<tr>
<td>Up to 3 HP AC</td>
<td>80000</td>
</tr>
<tr>
<td>&gt; 3 HP - 5 HP AC</td>
<td>65000</td>
</tr>
</tbody>
</table>

(ii) Solar Lighting Systems

<table>
<thead>
<tr>
<th>System</th>
<th>Benchmark Costs (Rs./Wp)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>General Category States</td>
</tr>
<tr>
<td>Solar Lamps</td>
<td>250</td>
</tr>
<tr>
<td>Solar Street Lights</td>
<td></td>
</tr>
<tr>
<td>i. With Lead Acid battery</td>
<td>300</td>
</tr>
<tr>
<td>ii. With Li-Ion battery</td>
<td>435</td>
</tr>
</tbody>
</table>
(iii) **Standalone Solar Power Plants/Packs**

<table>
<thead>
<tr>
<th>Capacity (kW)</th>
<th>Battery back-up (hrs)</th>
<th>Benchmark Costs (Rs./Wp)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>General Category States</td>
</tr>
<tr>
<td>Up to 10</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>100</td>
<td>110</td>
</tr>
<tr>
<td>3</td>
<td>80</td>
<td>88</td>
</tr>
<tr>
<td>1</td>
<td>68</td>
<td>75</td>
</tr>
<tr>
<td>Above 10 and</td>
<td></td>
<td></td>
</tr>
<tr>
<td>up to 25</td>
<td>6</td>
<td>90</td>
</tr>
<tr>
<td>3</td>
<td>72</td>
<td>79</td>
</tr>
<tr>
<td>1</td>
<td>61</td>
<td>67</td>
</tr>
</tbody>
</table>

(iv) **Grid Connected Rooftop Solar Power Plants**

<table>
<thead>
<tr>
<th>Capacity</th>
<th>Benchmark Costs (Rs./Wp)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Above 1 kW and up to 10 kW</td>
<td>60</td>
</tr>
<tr>
<td>Above 10 and up to 100 kW</td>
<td>55</td>
</tr>
<tr>
<td>Above 100 kW and up to 500 kW</td>
<td>53</td>
</tr>
</tbody>
</table>

2. The above benchmark costs are inclusive of total system cost and its installation, commissioning, transportation, insurance, five year AMC/CMC, and applicable fees and taxes.

(Shobhit Srivastava)

Scientist-C

To

All Concern

Copy to Dir. (NIC) to upload this on the Ministry’s website.