

**REVISED DRAFT QRs & TDs OF BOMB BASKET : 02 APR 2024**

Ser No	QRs / Specification	Trial Directives
1.	<p>The bomb basket should be able to sustain blast effect of explosives for single use as mentioned below:</p> <p>(a) 2 kg tnt equivalent                      (b) 3 kg tnt equivalent                      (c) 4 kg tnt equivalent                      (d) 5 kg tnt equivalent</p> <p>The user department may opt for above mentioned options of explosive qty as per their requirement at the time of tender.</p>	<p>(a) The firm has to submit a certificate from TBRL.                      (b) The Bomb basket will be tested at TBRL in presence of BOO.</p>
2.	<p>The weight of the bomb basket in proportion to the explosive will be as under:-</p> <p>(a) 2 kg tnt equivalent – Not more than 350 kg                      (b) 3 kg tnt equivalent – Not more than 450 kg                      (c) 4 kg tnt equivalent – Not more than 550 kg                      (d) 5 kg tnt equivalent – Not more than 650 kg</p>	<p>To be Checked Physically By The BOO.</p>
3.	<p>The volume of the bomb basket will be minimum 80 liters.</p>	<p>To be Checked Physically By The BOO.</p>
4.	<p>The diameter of the opening of the bomb basket will be minimum 20 inches.                      TO BE SPECIFIED BY USER AT TENDERING STAGE.</p>	<p>To be Checked Physically By The BOO</p>
5.	<p>The height of the bomb basket will be minimum 30 inches.                      TO BE SPECIFIED BY USER AT TENDERING STAGE.</p>	<p>To be Checked Physically By The BOO</p>
6.	<p>The bomb basket should direct primary fragments surrounding the explosive upward through the opening only. The bomb basket should prevent any horizontal displacement/ movement of fragments. The bomb basket should not topple during blast test.</p>	<p>To be Physically Checked Simultaneously With Test at Serial No.1 above With different Types of Nails as under:-</p> <p>(a) 2 kg tnt -200 gms nail                      (b) 3 kg tnt -300 gms nail                      (c) 4kg tnt – 400 gms nail                      (d) 5kg tnt – 500 gms nail</p>

*Amil*

*Amil*

*Amil*

*Amil*

*Amil*

7.	The bomb basket should not be made of any material which may act as secondary fragments.	To be Physically Checked While Carrying Out The Blast.  TBRL Certificate For Compliance Also Required.
8.	The bomb basket should not rupture in the event of the blast irrespective of position of the charge.	To be Physically Checked Simultaneously With Test At Serial No. 1, 6 & 7 Above.  TBRL Certificate For Compliance Also Required.
9.	<p>The bomb basket should have a cart/ trolley with following specifications: -</p> <p>(a) The trolley should be designed for safe transportation of suspected device in bomb basket.</p> <p>(b) It should have a detachable canopy to protect the basket from Rain &amp; Sun.</p> <p>(c) The construction of the trolley should be more advantageous for operations in Hill Area &amp; Off road conditions and can easily be towed with a smaller vehicle like a jeep or any SUVs.</p> <p>(d) Consisting of 04 wheels for giving it a better center of gravity and ease of parking. Ground clearance of trolley should be 200mm minimum.</p> <p>(e) Each trolley should have a tool box with towing accessories.</p> <p>(f) Consisting of breaking system. It should have leaf –spring suspension to take the payload of 800 kg.</p> <p>(g) It should have inbuilt mechanism for easy loading and unloading bomb basket.</p>	To be Checked Physically By The BOO.

Amil

Amil

Amil

Amil

Amil

Ser No	QRs/Specification	Trial Directives
10.	<u>Spare Support</u> Spares availability for min five years.	A undertaking to be provided by firm and to be checked by BOO.
11.	<u>Training</u> Minimum 02 days training to be provided by firm at user premises without any cost.	A undertaking to be provided by firm and to be checked by BOO.
12.	<u>Warranty</u> Minimum two year warranty to be provided by firm.	A undertaking to be provided by firm and to be checked by BOO.
13.	<u>Miscellaneous</u> The firm will provide the following documents/literature (in English language along with the equipment ) :-	
	(a) Technical Manual with full description of all the item	To be checked physically by the BOO
	(b) User's Hand Book	To be checked physically by the BOO
	(c) Literature on care and preservation technique, as applicable	To be checked physically by the BOO
	(d) Specification for packing, handling/transportation/storage	To be checked physically by the BOO
	(e) Details regarding periodical checks to be carried out by the user for serviceability of the equipment.	To be checked physically by the BOO

*Amil*

(SUNIL KR)  
AE, CRPF

*Amil*

Bijender Nathu.  
(Inspector)  
ITBP.

*Amil*

Sub/Electrical  
A. P. Yadav  
Assam Rifles

*Amil*

TH Harkup  
HG NSG  
WE BR

*Amil*

MUNESH KR  
INSP/EXE  
CISF

*Amil*